

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 21, 2007

Inspector: Katie Bednaz

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

Rain Event: 0.14" of precipitation was reported since the previous inspection with all but a trace of precipitation recorded on 8/17. (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. 8/21/07 Minimal tracking is regularly noted on the paved drive outside of the Sherwood Island lay-down yard but was not observed this week. 8/21/07	None. 8/21/07 Continue to reduce tracking and airborne dust from the yard and sweep the access drive on a regular basis or as needed. 8/21/07	NA (Not applicable) No issues noted but needs regular attention.
Vault Openings and Trench Construction Westport/Norwalk	Construction/trenching activities were ongoing at the time of the inspection at sta. #135 to #137, #162 to #163, #217 (Stony Brook), #267 to #268, #283 to #285 to #290, #301 to #303, #367 to #368, #383 to #385, #395 to #397, and at #399 to #401. 8/21/07	See Erosion and Sediment Control sections of this report for additional details. 8/21/07	NA
Erosion and Sediment Controls	Filter fabric or filter socks have been placed in catch basins that are down-gradient of/adjacent to construction activities. 8/21/07	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	Catch basins were protected. (Proactively)

Areas of Inspection	Observation	Recommended Action	Corrected Action
Norwalk Norwalk lay-down yard	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. 21/07	controls where necessary. 8/21/07 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. 8/21/07	Continue to monitor.
Westport	Area of exposed soil near sta. #360 was previously seeded and is approximately 60% vegetated. 8/21/07	Continue to monitor vegetative growth to ensure final stabilization. 8/21/07	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. 8/21/07	Ensure that the silt fence is in good condition if work resumes here. 8/21/07	NA at this time
	The flow of Stony Brook remains diverted past construction activities through a flume and slopes remain temporarily stabilized with erosion control blankets. 8/21/07	The area remains well controlled. See Inland Wetlands section for more details. 8/21/07	NA at this time
Kings Highway Lay-down Yard (Fairfield) (Currently being used for Segment 4a and 4b operations.)	Perimeter erosion controls are overwhelmed by stored materials in two locations at the yard. 8/8 8/21/07	Re-establish the controls where necessary. 8/8-8/21/07	Needs attention
Sherwood Island lay-down yard	The controls at the stormwater discharge point at the yard remain in place. 8/21/07	Continue to monitor and maintain the controls as necessary. 8/21/07	NA
Inland Wetland and Watercourse encroachment and mitigation	The Kings Highway lay-down yard is located adjacent to potential resource areas and a concrete	See erosion control section. 8/21/07	NA

Areas of Inspection	Observation	Recommended Action	Corrected Action
	<p>lined waterway. 8/21/07</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. The haybale noted in the channel last week has been removed. 8/21/07</p>	<p>Continue to monitor activities for compliance with the D & M Plan. 8/21/07</p>	<p>The haybale was removed.</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. 8/21/07</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 the yard (some since 6/21). 8/21/07</p> <p>Some additional stone was added to the Sherwood Park yard to allow more storage and parking. (This still does not address the storage issues beyond the boundary). 8/21/07</p> <p>A contractor lay-down yard is located at 6 Smith Street in Norwalk. The yard is bound on the westerly side by the Norwalk River. An existing concrete slab and depression is in place which provides good containment. The yard</p>	<p>See Erosion Control section section for more detail. 8/21/07</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. 6/21-8/21/07</p> <p>Continue to monitor. 8/21/07</p> <p>Continue to properly isolate yard from Norwalk River to prevent any impacts to the watercourse. If any loose materials are stored on top of the slab, more controls will be needed. 8/21/07</p>	<p>NA</p> <p>Needs evaluation</p> <p>Additional stone was added.</p> <p>Needs attention if working within exposed area</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
	does not appear to be active at this time. 8/21/07		
Soils	No issues with soil storage were observed at this time. 8/21/07	Continue to restore exposed soils when feasible and mitigate for dust as necessary. See access road section. 8/21/07	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	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. 3/15-8/21/07	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. 8/21/07	Continue to restore the areas.
	The area immediately adjacent to Stony Brook (sta. #217) had been grubbed in preparation for stream crossing activities (7/25). The exposed soils on the bank remain temporarily stabilized with EC blankets. 8/21/07	Cleared trees were approved for removal in accordance with the D&M plan. See the Erosion Control and Inland Wetlands sections for more details 8/21/07	NA at this time
	Vault #12 work area is temporarily stabilized with hard pack and hay mulch. Trees were removed to accommodate work. 8/21/07	Cleared trees have been approved for removal in accordance with the D&M plan. Restore as required by the D & M Plan when feasible.8/21/07	NA at this time
	Vault #20 has controls in place to contain exposed soils. 8/21/07	Continue to monitor until fully stabilized. 8/21/07	NA at this time.
Dewatering	Dewatering activities were being conducted at	Continue to appropriately contain and/or filter	NA

Areas of Inspection	Observation	Recommended Action	Corrected Action
	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. 8/21/07	discharge water. 8/21/07	
Blasting	No blasting has been proposed. 8/21/07	None 8/21/07	NA
Spills and Material Storage	Spill cleanup materials/kits were observed in the storage yard. 8/21/07	Ensure that spill kits are also present with each vehicle during active construction. 8/21/07	NA
	A fluid-filled equipment/attachment was noted stored within the King's Highway lay-down yard, outside of the designated contained location. 8/21/07	Continue to proactively store all fluid filled equipment in the designated contained locations. 8/21/07	Needs regular attention
	Concrete washout was noted at sta. #217 within the entrance to the car dealership. 8/21/07	Remove and properly dispose of concrete. Any concrete washout should be properly contained in an approved location. 8/21/07	Needs attention
Additional Observations	None 8/21/07	None 8/21/07	NA

Next likely scheduled inspection: Wednesday August 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: Katie Bednaz, BSC Group

Reviewer: Diana Walden, BSC Group



View of the Stony Brook watercourse crossing. Flow is still being properly diverted.



Stone has been added to a portion of the Sherwood Island lay-down yard to provide more room for storage and parking.



Both photos were taken within the King's Highway lay-down yard. Left: Materials were still observed overwhelming perimeter barrier controls in two locations to the left and right of photo view. Right: A fluid filled bucket/attachment was being stored just outside of the containment area but still within the yard. Continue to store fluid filled equipment proactively within the containment area.

