

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 19, 2007 (evening inspection)

Inspector: Katie Bednaz

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

Rain Event: No precipitation was reported since the previous inspection and no data was recorded for 7/18 and 7/19. Norwalk experienced showers during this weeks inspection. (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. 7/19/07</p> <p>The stone within Sherwood Island lay-down yard is clogged with soil in some areas, causing minimal tracking on the paved drive outside of the yard. (Noted since 6/13)</p> <p>However, the access drive to the yard is paved, reducing tracking to the main road. Crews were recently observed sweeping the roadway. 7/19/07</p>	<p>None. 7/19/07</p> <p>Continue to reduce tracking from the yard and sweep the access drive on a regular basis or as needed. 7/19/07</p> <p>Refresh or clean stone at the yard when feasible. 7/13-7/19/07</p>	<p>NA (Not applicable)</p> <p>Needs regular attention.</p>
Vault Openings and Trench Construction Westport/Norwalk	<p>Construction/trenching activities were ongoing and at the time of the inspection at sta. #138 to #142, #156 to #159, #165 to #168, #281, #284 to #285, #304 to #307, #367 to #368, and #379 to #381. 7/19/07</p>	<p>See Erosion and Sediment Control sections of this report for additional details. 7/19/07</p>	<p>NA</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
	Construction activities were ongoing at the time of the inspection at vaults #16 and #17. 7/19/07	None. 7/19/07	NA
Erosion and Sediment Controls	Filter fabric or filter socks have been placed in most catch basins that are down-gradient of/adjacent to construction activities. A few locations needed some attention. 7/19/07	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. 7/19/07	Catch basins were protected. (Proactively) Additional attention needed in some locations.
Norwalk	The silt fence remains in place near vault #5. Grass growth was noted and the gully that was re-graded has not re-formed. A bituminous concrete berm was placed at the top of slope to divert stormwater from the area. 7/19/07	Continue to monitor the area for final stabilization and maintain erosion controls. Ensure that the diverted stormwater does not affect neighboring properties. 7/19/07	A berm was installed at the top of slope. Continue to monitor
Westport	Although active work is not occurring here, erosion controls remain in place at vault #13 to protect Stoney Brook. 7/19/07	Ensure that silt fence is in good condition if work resumes here. See vegetative clearing section for additional details. 7/19/07	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. 7/19/07	Ensure that the silt fence is in good condition if work resumes here. 7/19/07	NA at this time
	Area of exposed soil near sta. #360 was previously seeded and is approximately 50% vegetated. 7/19/07	Continue to monitor vegetation growth to ensure final stabilization. 7/19/07	NA at this time.
	Slurry from saw cutting activities has the potential to enter catch basins. The minor slurry/ residue noted last week along the roadway near sta. #364+50 was no longer observed in this location.	Prevent slurry from entering catch basins and sensitive areas, by quickly attending to it as it is generated during cutting. 7/13/07	No issues noted but needs regular attention.

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>Norwalk Smith St. Contractor Yard</p>	<p>7/19/07</p> <p>Perimeter erosion controls remain in place at the yard. 7/19/07</p>	<p>Continue to monitor and maintain the perimeter silt fence as necessary. 7/19/07</p>	<p>NA</p>
	<p>The controls at the stormwater discharge point at the yard remain in place. 7/19/07</p>	<p>Continue to monitor and maintain the controls as necessary. 7/19/07</p>	<p>NA</p>
	<p>A new yard was being established. Silt fence and haybales were being installed at the perimeter. 7/19/07</p>	<p>Continue to monitor and maintain the controls as necessary. 7/19/07</p>	<p>Controls were being installed.</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. 7/19/07</p>	<p>See erosion control section. 7/19/07</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 demobilized and awaiting future staging and bore activities 7/19/07</p>	<p>See soil and staging, storage, and parking area sections. 7/19/07</p>	<p>NA</p>
	<p>The Norwalk River is located immediately to the west of the contractor yard on Smith St. in Norwalk. 7/19/07</p>	<p>See soil and staging, storage, and parking area sections. 7/19/07</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. 7/19/07</p>	<p>See Erosion Control section and Spills and Material Storage section for more detail. 7/19/07</p>	<p>NA</p>
	<p>A contractor lay-down yard originally located off of Imperial Ave. in Westport has been vacated. The</p>	<p>None. 7/19/07</p>	<p>NA</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
	<p>chain link fence around the perimeter remains and will be used to accommodate the future directional boring activities. 7/19/07</p> <p>A contractor lay-down yard is located within Sherwood Island State Park. Multiple controls were used to stabilize the yard. Hydraulic filled equipment was being stored in a common location. However, multiple pieces of equipment have been observed being stored outside the fenced perimeter of the yard (some since 6/21). 7/19/07</p> <p>A contractor lay-down yard is located at 6 Smith Street in Norwalk. The yard is bordered on the westerly side by the Norwalk River. The yard is being set-up, erosion controls were being installed, a stone surface is in place, and frac tanks were being set up. 7/19/07</p>	<p>Continue to monitor the one stormwater discharge point. Ensure that the yard limits are observed and review the agreement for storage. 7/19/07</p> <p>Continue to properly control the yard to prevent any impacts to the Norwalk River. Remain aware of floodplain boundaries on site if any. 7/19/07</p>	<p>Needs evaluation</p> <p>NA</p>
Soils	No issues with soil storage were observed at this time. 7/19/07	Continue to restore exposed soils when feasible and mitigate for dust as necessary. See access road section. 7/19/07	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	Only minor clearing of individual trees has been necessary at this time. 7/19/07	Cleared trees have been approved for removal in accordance with the D&M plan. 7/19/07	NA

Areas of Inspection	Observation	Recommended Action	Corrected Action
	<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 have been stabilized with hard-pack material or mulch. 7/19/07</p> <p>Larger trees and shrubs were removed from either side of Stoney Brook (sta. #217) in preparation for construction activities and the stream crossing. No soils were exposed. 7/19/07</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. 7/19/07</p> <p>Cleared trees have been approved for removal in accordance with the D&amp;M plan. 7/19/07</p>	<p>Continue to restore the area..</p> <p>NA</p>
Dewatering	Dewatering activities were not being conducted at the time of the inspection. 7/19/07	None. 7/19/07	NA
Blasting	No blasting has been proposed. 7/19/07	None 7/19/07	NA
Spills and Material Storage	<p>Spill cleanup materials/kits were observed in the storage yard. 7/19/07</p> <p>The dried concrete washout or slurry that was noted in an uncontained location near vault #19 last week had largely been removed. 7/19/07</p>	<p>Ensure that spill kits are also present with each vehicle during active construction. 7/19/07</p> <p>Continue to contain future washout or slurry. 7/13/07</p>	<p>NA</p> <p>The washout was removed.</p>
Kings Highway Lay-down Yard (Fairfield) (Currently being used for Segment 4a and 4b operations.)	Fluid filled equipment in the King's Highway yard continue to be proactively stored on liners or similar containment. A 55-gallon drum of bio-diesel was being stored in an uncontained location within the yard immediately adjacent to	<p>Good proactive controls are being used for equipment even though leaks were not observed.</p> <p>However, the drum should be relocated, preferably to a contained location within the yard, and 100 feet from</p>	Needs proactive attention.

Areas of Inspection	Observation	Recommended Action	Corrected Action
Sherwood Island lay-down yard	the nearby watercourse. 7/19/07	sensitive areas whenever feasible. 7/19/07	Slurry was no longer observed.
	The concrete slurry/washout that was noted in several uncontained locations around the yard last week was no longer observed. 7/19/07	Any future washout or slurry should be properly contained in a designated area on site. Deposited material should be properly disposed of. 7/19/07	
	Some slurry that appears to have been washed out from the sweeper was noted in the back corner of the yard. 7/19/07	Continue to monitor for sedimentation/migration and install controls if needed. 7/19/07	Continue to monitor
Additional Observations	None 7/19/07	None 7/19/07	NA

Next likely scheduled inspection: Wednesday July 25, 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 (accompanied by CT Siting Council staff)

Reviewer: Diana Walden, BSC Group



A bituminous concrete berm has been installed to divert stormwater run-off that was previously entering the vault #5 area.



Large trees and shrubs were cut on either side of Stoney Brook in preparation for the stream crossing.



Both photos are of the Norwich lay-down yard at 6 Smith St. Contractors are currently setting-up the yard with perimeter fencing and erosion controls, stone surface, frac tanks, dumpsters and portable facilities. The Norwalk River is located immediately to the west of the yard.



A slurry that appears to be from the sweeper was deposited in the back corner of the Sherwood Island lay-down yard. Monitor the area for sedimentation/migration and place controls if needed.



All but a small portion of concrete washout was removed near vault #19.



Bio-diesel fuel is being stored within the King's Highway lay-down yard, on the side of the yard immediately adjacent to the watercourse. Relocate and store the drum with the other well-contained fluid filled materials. Keep over 100 feet from sensitive areas whenever feasible.