

**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 6, 2008

**Inspector:** Gregory Sommer

**Location:** Westport Avenue to the Norwalk Substation in the City of Norwalk

**Rain Event:** 1.12” of precipitation was reported since the previous inspection, with 1.06” recorded on 6/4 (Bridgeport, CT NOAA data).

<b>Areas of Inspection</b>	<b>Observation</b>	<b>Recommended Action</b>	<b>Corrected Action</b>
<b>Access Roads and Adjacent Roadways</b>	<p>All work is within existing paved roadways at this time. 6/6/08</p> <p>The pavement along various sections of Route 1 have been milled in preparation for final paving 6/6/08</p> <p>Sediment tracking along the access road to the Sherwood Island yard was not an issue this week. Crushed stone remains along the shoulder of the access road. 6/6/08</p>	<p>None. See erosion control section for details on sediment tracking. 6/6/08</p> <p>None. 6/6/08</p> <p>Continue to sweep the roadway and monitor and maintain controls as necessary. Continue to install crushed stone to stabilize exposed soils. 6/6/08</p>	<p>NA (Not applicable)</p> <p>NA at this time</p> <p>Needs regular attention.</p>
<b>Vault Openings and Trench Construction Westport/Norwalk</b>	<p>Active trenching and/or steel road plates were observed at the time of the inspection near sta. #162-164 &amp; #432-435 (Sasco Creek bridge crossing). 6/6/08</p>	<p>See Erosion and Sediment Controls section of this report for additional details. 6/6/08</p>	<p>NA</p>
<b>Erosion and Sediment Controls</b>	<p>Controls were removed from catch basins on state routes per the request of</p>	<p>Since controls are no longer in place in the catch basins, attend to all</p>	<p>Needs regular attention.</p>

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<p><b>Norwalk</b></p>	<p><b>ConnDOT to improve drainage during winter conditions. Contractor plans to discontinue use of controls for the duration of the project and clean basins as necessary. 6/6/08</b></p>	<p><b>sediment at the source and stabilize exposed soils as quickly as possible. Clean catch basins as necessary. 6/6/08</b></p>	
	<p><b>Temporary curbing remains along Westport Ave. near sta. #81 (vault #5) to minimize the potential for erosion. Area remains backfilled with processed material and controls are in place. 6/6/08</b></p>	<p><b>Continue to stabilize exposed soils. Continue to monitor and sweep the roadway as necessary. 6/6/08</b></p>	<p><b>NA at this time.</b></p>
	<p><b>Work appears completed near sta. #129-131 and the area remains temporarily stabilized with processed material and mulch. 6/6/08</b></p>	<p><b>Stabilize exposed soil. Sweep area if necessary and continue to monitor for stabilization. 6/6/08</b></p>	<p><b>NA</b></p>
<p><b>Westport</b></p>	<p><b>Trench work has been completed near sta. #147. Some catch basins have been protected. 6/6/08</b></p>	<p><b>Restore grass cover over the area of the trench when feasible. 6/6/08</b></p>	<p><b>Needs restoration when feasible.</b></p>
	<p><b>Portions of the erosion controls are deteriorating between the hard-pack material and Stony Brook at sta. #217 and don't provide complete coverage. Some areas of process material and soil appear to have the potential to run-off (since 1/24). 6/6/08</b></p> <p><b>Vehicles have driven over the hardpack area near sta. #234, leading to sediment tracking along Lincoln St. and in the adjacent parking lot. This area has been scheduled for paving for some time now (since 3/20). 6/6/08</b></p>	<p><b>Continue to monitor and maintain controls as necessary. Ensure that all material remains contained. See Inland Wetlands section for more details. 1/24-6/6/08</b></p> <p><b>Monitor areas of exposed processed material. Pave area as soon as feasible to permanently restore area (since 3/20). Sweep roadway as necessary to remove any tracked sediment. 6/6/08</b></p>	<p><b>Continue to monitor.</b></p> <p><b>Needs attention.</b></p>

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<p><b>Kings Highway Lay-down Yard (Fairfield) (Currently being used for Segment 4a and 4b operations.)</b></p>	<p><b>Sediment tracking and heavy rutting was observed in the island near sta. #316-318 (since 11/21) as a result of access by electrical contractors. Active work has been complete for several months (since 2/21) and stabilization is needed. 2/21-6/6/08</b></p>	<p><b>Remove the accumulated sediment along the curb and sweep the roadway as necessary. Temporarily stabilize any portions where active work/access is no longer required. The remainder of this area needs to be sufficiently stabilized. 12/31- 6/6/08 Coordinate between contractors as needed. 6/6/08</b></p>	<p><b>Needs attention.</b>  <i>Contractors are currently working out responsibility for this area.</i></p>
	<p><b>Bituminous curbing along the north side of the median near sta. #316-318 is broken and/or missing in some areas. 1/24-6/6/08</b></p>	<p><b>Replace bituminous curbing if work is complete in this area. 1/24-6/6/08</b></p>	<p><b>Needs attention when work is complete in the area</b></p>
	<p><b>Some sections of the perimeter silt fence are in need of repair in area where materials have been placed/spilled on the fence. The small stockpile that was dumped on top of the silt fence in one area near the NW corner of the yard has been removed but the silt fence still needs to be restored. 6/6/08</b></p>	<p><b>Continue to monitor and maintain controls as necessary. Remove encroaching materials from the perimeter controls and restore silt fence in all areas. 6/6/08</b></p>	<p><b>Needs attention.</b></p>
	<p><b>Crushed stone has been spread in several areas throughout the yard to reduce tracking. However, sediment tracking was still a minor issue. 6/6/08</b></p>	<p><b>Maintain crushed stone throughout the yard to reduce the potential for tracking, dust migration, and limit the amount of material piled near controls. 6/6/08</b></p>	<p><b>Crushed stone was added but still needs regular attention.</b></p>
	<p><b>Spilled slurry material that was observed under a vac truck near the west side of the yard appears to have been cleaned. 6/6/08</b></p>	<p><b>None at this time. 6/6/08</b></p>	<p><b>Spilled slurry appears to have been cleaned.</b></p>
<p><b>Sherwood Island lay-down yard</b></p>	<p><b>Perimeter controls remain in place. Sediment tracking was not observed</b></p>	<p><b>Continue to sweep the roadway and monitor and</b></p>	<p><b>Needs regular attention.</b></p>

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	<p>along the access road. Crushed stone remains throughout the yard. Vehicles, equipment and materials are being stored along the access road. Washout water from cleaning the frac tanks was dumped into the material stockpile to bind together prior to disposal. Debris material stockpiles continue to increase in size. 6/6/08</p>	<p>maintain controls as necessary. Continue spreading crushed stone where equipment is being stored to reduce tracking. Full restoration (including stone removal) will be needed when access needs are complete. 6/6/08</p>	
<p><b>Inland Wetland and Watercourse encroachment and mitigation</b></p>	<p>The Kings Highway lay-down yard is located adjacent to potential resource areas and a concrete lined waterway. 6/6/08</p> <p>Areas adjacent to the Stony Brook bridge have been seeded but not mulched. Grass cover is present in some areas while other areas adjacent to the walls are still bare/gravel material. (since 9/11/07). 6/6/08</p>	<p>See Erosion and Sediment Controls section. 6/6/08</p> <p>Continue restoration/stabilization efforts and monitor until vegetation is fully restored. See Erosion and Sediment Controls section for additional details. Exposed material appears to have the potential to wash into the stream. (noted since 2/14) Consider working out a shrub planting plan with the landowner to provide shading for the brook 3/6-6/6/08</p>	<p>NA</p> <p>Needs evaluation</p>
<p><b>Staging, Storage, and Parking Areas</b></p>	<p>A contractor lay-down yard is located within Sherwood Island State Park. 6/6/08</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. Reserve spill kits are located near the equipment trailers. A pile of old railroad ties stored within the yard was being sorted for</p>	<p>See the Erosion and Sediment Controls section for more detail 6/6/08</p> <p>See Erosion and Sediment Controls section and Seg 4a report for more information. 6/6/08</p>	<p>NA</p> <p>NA</p>

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	<p>disposal. Additional soil and debris material has been mixed with the railroad tie debris. 6/6/08</p>		
<p><b>Soils</b></p>	<p>Minor amounts of soil have been exposed as part of the vault construction, utility work, and tie-in activities. Portions of the exposed soil near the vaults remain stabilized with hard-pack material or crushed stone. 6/6/08</p> <p>Vehicles continue to park on the previously seeded areas/exposed soils near sta. #334 (vault #20). The soil is well compacted. A chain link fence has been installed in this area by others. 6/6/08</p> <p>Vault tie-in work near sta. #234 is completed and the area is backfilled and is expected to be paved within the next few weeks (since 3/20) Vehicles are beginning to drive through the unpaved area. 6/6/08</p>	<p>Most areas are temporarily stabilized. Soils appear to be handled appropriately. If exposed soils are not to be worked within 21 days, they should be stabilized within 7 days of the last activity. Where work has been completed, the areas should be seeded, and mulched as part of permanent restoration. 6/6/08</p> <p>Continue to monitor the area. Work out the parking situation with the landowner. Install bituminous curbing. 11/21/07-6/6/08 Contractors should work to establish grass cover in this area. 6/6/08</p> <p>Monitor areas of exposed processed material. Pave area as soon as feasible to permanently restore area. 3/20-6/6/08 See Erosion Control section for more details.</p>	<p>Continue to monitor areas.</p> <p>Contractor is currently working with the landowner to resolve the parking situation.</p> <p>Needs attention.</p>
<p>State species of concern, threatened and endangered species.</p>	<p>According to the D&amp;M plan, state-listed species are not located in this work area. 6/6/08</p>	<p>None. 6/6/08</p>	<p>NA</p>
<p>Vegetative clearing (including trees to save or danger trees noted) or stabilization</p>	<p>Trees were previously removed near vault #12 to accommodate work. 6/6/08</p> <p>Some areas near vault #20 are approximately</p>	<p>Cleared trees have been removed in accordance with the D&amp;M plan. Restore as required by the D&amp;M plan when feasible. 6/6/08</p> <p>Areas can be considered stable once it has reached</p>	<p>NA</p> <p>Needs attention when feasible.</p>

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	<p>75% vegetated, while others have failed to vegetate due to vehicles parking in these areas from adjacent businesses. 11/08/07-6/6/08            A chain link fence has been installed in this area by others. 6/6/08</p> <p>Two trees have previously been removed near sta. #145 per the D&amp;M plan. 6/6/08</p> <p>Trenchwork appears complete near sta #148. Restore grass cover here and other similar areas when feasible. 5/29-6/6/08</p>	<p>75% cover. See Soils section. Work on solutions with the landowner. 6/6/08</p> <p>Cleared trees have been removed in accordance with the D&amp;M plan. Restore as required by the D&amp;M plan when feasible. 6/6/08</p> <p>Work out restoration plans along all sidewalk/business areas. Restore grass or original cover. 5/29-6/6/08</p>	<p>NA</p> <p>Needs evaluation and attention when feasible.</p>
Dewatering	Dewatering was not observed during this week's inspection. 6/6/08	Continue to ensure that material is contained appropriately and treated according to the ground-water handling plan as referenced in the D&M. 6/6/08	NA
Spills and Material Storage	<p>Spill cleanup materials/kits were observed in the storage yard. 6/6/08</p> <p>A light post and associated concrete footings were being stored at sta. #148. Materials appear to be project related. 10/4/07-6/6/08</p>	<p>Ensure that spill kits are also present with each vehicle during active construction. 6/6/08</p> <p>Remove or attend to materials when feasible. 10/4/07-6/6/08</p>	<p>NA</p> <p>Needs attention when feasible.</p>
Additional Observations	Curb and sidewalk restoration work was ongoing near sta. #128, #146-148, #200-202, & #381. 6/6/08	None. 6/6/08	NA

**Next likely scheduled  
inspection:**

**Thursday June 12, 2008**

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*

**Reviewer:**

*Diana Walden, BSC Group*



**Vehicles are traveling through the exposed soil near sta. #234 and tracking sediment onto Lincoln St. as well as the adjacent parking lot area. This area has been scheduled for paving for some time.**



**A chain link fence has been installed near sta. #334 by others, to reduce the amount of vehicle traffic driving through this area. Vehicles continue to park in this area. Contractors should attempt to establish grass cover if final work is complete here.**



**Restoration work is underway near sta. #382. Concrete formwork is in place for new sections of curbing.**