

**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 2, 2008

**Inspector:** Gregory Sommer

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

**Rain Event:** 0.14" of precipitation was reported since the previous inspection, with the largest event of 0.12" recorded on 6/29 (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. 7/2/08	None. See erosion control section for details on sediment tracking 7/2/08	NA (Not applicable)
	Various section of Route 1 have been overlaid while other areas have been milled. Imperial Ave. is also being resurfaced in Westport (not directly related to the project). 7/2/08	None. 7/2/08	NA
	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. 7/2/08	Continue to sweep the roadway and monitor and maintain controls as necessary. Continue to install crushed stone to stabilize exposed soils. 7/2/08	Needs regular attention.
Vault Openings and Trench Construction Westport/Norwalk	Active trenching and/or steel road plates were observed at the time of the inspection near sta. #163-162 & #432-435 (Sasco Creek bridge crossing). 7/2/08	See Erosion and Sediment Controls section of this report for additional details. 7/2/08	NA

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	<p><b>New River Electrical was on site and working at vaults #14 &amp; #15. 7/2/08</b></p>	<p><b>None. 7/2/08</b></p>	<p><b>NA</b></p>
<p><b>Erosion and Sediment Controls</b></p> <p><b>Norwalk</b></p> <p><b>Westport</b></p>	<p><b>Controls were removed from catch basins on state routes per the request of 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. 7/2/08</b></p> <p><b>Temporary curbing remains along Westport Ave. near sta. #81 (vault #5) to minimize the potential for erosion. Area has been backfilled with processed material. 7/2/08</b></p> <p><b>Work appears completed near sta. #129-131 and the area remains temporarily stabilized with processed material and mulch. 7/2/08</b></p> <p><b>Steel plates were in place over the trench at sta. #163-164. Minor sediment tracking/accumulation was observed along the edges of the plates. 6/27-7/2/08</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). 7/2/08</b></p> <p><b>Stone curbing has been set near sta. #234.</b></p>	<p><b>Since controls are no longer in place in the catch basins, attend to all sediment at the source and stabilize exposed soils as quickly as possible. Clean catch basins as necessary. 7/2/08</b></p> <p><b>Continue to stabilize exposed soils. Continue to monitor and sweep the roadway as necessary. 7/2/08</b></p> <p><b>Stabilize exposed soil. Sweep area if necessary and continue to monitor for stabilization. 7/2/08</b></p> <p><b>Sweep area as necessary to reduce the potential for tracking. 6/27-7/2/08</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. 1/24-7/2/08</b></p> <p><b>Monitor areas of exposed processed material. Pave</b></p>	<p><b>Needs regular attention.</b></p> <p><b>Needs attention.</b></p> <p><b>NA</b></p> <p><b>Needs attention.</b></p> <p><b>Continue to monitor.</b></p> <p><b>Roadway has been swept but the area</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>Accumulated sediment has been swept from the intersection of Lincoln St. and Riverside Ave but soil has been stockpiled near the recently set curbing and minor tracking was observed. This area has been scheduled for paving for some time now (since 3/20). The electrical contractor was noted in this area. 7/2/08</p>	<p>area as soon as feasible to permanently restore area (since 3/20). Sweep roadway as needed to remove tracking. 7/2/08</p>	<p>needs to be paved.</p>
	<p>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. Currently, the paving contractor has begun parking equipment in this area. 7/2/08</p>	<p>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- 7/2/08 Coordinate between contractors as needed. 7/2/08</p>	<p>Needs attention.  Contractors are currently working out responsibility for this area.</p>
	<p>Bituminous curbing along the north side of the median near sta. #316-318 is broken and/or missing in some areas. 1/24-7/2/08</p>	<p>Replace bituminous curbing if work is complete in this area. 1/24-7/2/08</p>	<p>Needs attention when work is complete in the area</p>
	<p>Perimeter controls remain in place. The silt fence has also been restored near the NW corner of the yard where a small stockpile was previously dumped. 7/2/08</p> <p>Crushed stone has been spread in several areas throughout the yard to reduce tracking. However, sediment tracking was still a minor issue. Dust issues were observed at the time of the inspection. 7/2/08</p>	<p>Continue to monitor and maintain controls as necessary. Watch encroachment of materials at the perimeter of the yard. 7/2/08</p> <p>Maintain crushed stone throughout the yard to reduce the potential for tracking, dust migration, and limit the amount of material piled near controls. Apply water or calcium chloride over the surface of the yard as necessary to control dust</p>	<p>The section of perimeter silt fence has been restored.</p> <p>Needs regular attention.</p>

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<p><b>Sherwood Island lay-down yard</b></p>	<p><b>Perimeter controls remain in place. Sediment tracking was not observed 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. 7/2/08</b></p>	<p><b>migration. 7/2/08</b></p> <p><b>Continue to sweep the roadway and monitor and 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. 7/2/08</b></p>	<p><b>Needs regular attention.</b></p>
<p><b>Inland Wetland and Watercourse encroachment and mitigation</b></p>	<p><b>The Kings Highway lay-down yard is located adjacent to potential resource areas and a concrete lined waterway. 7/2/08</b></p> <p><b>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). 7/2/08</b></p>	<p><b>See Erosion and Sediment Controls section. 7/2/08</b></p> <p><b>Continue restoration/ stabilization efforts and monitor until vegetation is fully restored. Exposed material appears to have the potential to wash into the stream. (noted since 2/14). See Erosion and Sediment Controls section for additional details. 7/2/08</b></p>	<p><b>NA</b></p> <p><b>Needs evaluation</b></p>
<p><b>Staging, Storage, and Parking Areas</b></p>	<p><b>A contractor lay-down yard is located within Sherwood Island State Park. 7/2/08</b></p> <p><b>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</b></p>	<p><b>See the Erosion and Sediment Controls section for more detail 7/2/08</b></p> <p><b>See Erosion and Sediment Controls section for more information. Watch encroachment of materials beyond the perimeter controls in the yard. 7/2/08</b></p>	<p><b>NA</b></p> <p><b>NA</b></p>

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	<p>sorted for disposal. Additional soil and debris material has been mixed with the previously sorted railroad tie debris. A tarp remains over this stockpile 7/2/08</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. 7/2/08</p> <p>Vehicles continue to park on the previously seeded areas/exposed soils near sta. #334 (vault #20). The soil is well compacted.. 7/2/08</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 had driven through the unpaved area and materials were eroding (since 6/20). Soil has been stockpiled in multiple locations near the curbed islands. 6/27-7/2/08</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. 7/2/08</p> <p>Continue to monitor the area. Work out the parking situation with the landowner. Install bituminous curbing. 11/21/07-7/2/08</p> <p>Monitor areas of exposed processed material. Pave area as soon as feasible to permanently restore area. 3/20-7/2/08 See Erosion and Sediment Controls section for more details. 7/2/08 If stockpiles are to remain longer than the work day, controls should be installed. 7/2/08</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. 7/2/08</p>	<p>None. 7/2/08</p>	<p>NA</p>
<p>Vegetative clearing (including trees to save or danger trees noted)</p>	<p>Trees were previously removed near vault #12 to accommodate work.</p>	<p>Trees have been removed in accordance with the D&amp;M plan. Restore as</p>	<p>NA</p>

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<p><b>or stabilization</b></p>	<p>7/2/08</p> <p>Some areas near vault #20 are approximately 75% vegetated, while others have failed to vegetate due to vehicles parking in these areas from adjacent businesses. 7/2/08</p> <p>Two trees have previously been removed near sta #145 per the D&amp;M plan. 7/2/08</p> <p>Trenchwork appears complete near sta #148. Restore grass cover here and other similar areas when feasible. 5/29-7/2/08</p>	<p>required by the D&amp;M plan when feasible. 7/2/08</p> <p>Areas can be considered stable once it has reached 75% cover. See Soils section. Work on solutions with the landowner. 7/2/08</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. 7/2/08</p> <p>Work out restoration plans along all sidewalk/business areas. Restore grass or original cover. 5/29-7/2/08</p>	<p>Needs attention when feasible.</p> <p>NA</p> <p>Needs evaluation and attention when feasible.</p>
<p><b>Dewatering</b></p>	<p>Dewatering was not observed during this week's inspection. 7/2/08</p>	<p>Continue to ensure that material is contained appropriately and treated according to the ground-water handling plan as referenced in the D&amp;M. 7/2/08</p>	<p>NA</p>
<p><b>Spills and Material Storage</b></p>	<p>Spill cleanup materials/kits were observed in the storage yard. 7/2/08</p> <p>A light post and associated concrete footings remain at sta #148. 10/4/07-7/2/08</p> <p>The week of 6/20, paving contractors were storing materials in the median at sta #316-318. Soil stockpiles were also observed. 7/2/08</p>	<p>Ensure that spill kits are also present with each vehicle during active construction. 7/2/08</p> <p>Remove or attend to materials when feasible. 10/4/07-7/2/08</p> <p>If stockpiles are to remain longer than the work day, controls should be installed. 7/2/08</p>	<p>NA</p> <p>Needs attention when feasible.</p> <p>Needs attention if material remains.</p>
<p><b>Additional Observations</b></p>	<p>Sidewalk restoration was observed along Lincoln Ave. This work was not</p>	<p>None. 7/2/08</p>	<p>NA</p>

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	<p><b>project related. 7/2/08</b></p> <p><b>Contractor appears to have contracted use of the Sherwood Island yard for other projects in the area.</b></p>	<p><b>An agreement will have to be worked out regarding the level of restoration the project is responsible for.</b></p>	<p><b>Needs future discussion at the end of the project.</b></p>

**Next likely scheduled inspection:** Thursday July 10, 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



**On the west side of the Saugatuck River, the staging area is still waiting to be paved. Stone curbing has been set and soil has been stockpiled in these areas. Minor tracking was observed on Lincoln St. New River Electric was on-site.**



**Sidewalk restoration was observed near sta. #230. This work was not project related.**



**Steel plates remain in the parking lot near sta. #162-164. A minor amount of loose cold mix and sediment has accumulated along the edge of the plates.**