

**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 3 Underground Line**

**Date:** August 14, 2008

**Inspector:** Lennox Keen

**Location:** East Devon Substation to the Housatonic River Crossing

**Rain Event:** 1.76" of precipitation was reported since the previous inspection, with the largest event of 1.43" recorded on 8/7 (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>	<b>A crushed-stone berm remains near the entrance to the Shelland Street lay-down yard, controlling sedimentation. 8/14/08</b>	<b>Continue to monitor area and sweep roadway as necessary. 8/14/08</b>	<b>Not applicable (NA)</b>
	<b>A temporary access drive to the boat ramp off of Naugatuck Ave. remains but was no longer in use. 8/14/08</b>	<b>None. 8/14/08</b>	<b>NA</b>
<b>Vault Openings and Trench Construction</b>	<b>New River Electric was onsite, working internal to vault #1 at the time of the inspection. 8/14/08</b>	<b>None. 8/14/08</b>	<b>NA</b>
<b>Erosion and Sediment Controls</b>	<b>Trenching work in paved areas has been completed. Filter fabric or filter socks remain in some catch basins adjacent to active work areas, while other basins will be cleaned when work is completed. 8/14/08</b>	<b>Continue to place a gutter buddy (or similar) in any catch basins with a curb/gutter drop inlet to prevent sediment from entering basin. 8/14/08</b>	<b>Needs regular attention.</b>
	<b>Saw cutting slurry has the potential to enter catch basins. 8/14/08</b>	<b>Continue to prevent slurry from entering catch basins and sensitive areas, by quickly attending to it</b>	<b>Needs regular attention.</b>

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p><b>Milford lay-down yard</b></p>	<p>Any exposed soils have potential for airborne dust migration. Contractors are aware of the potential. 8/14/08</p>	<p>as it is generated. 8/14/08</p> <p>Prevent dust migration by implementing dust control measures. If exposed soils are not to be worked within 21 days, they should be stabilized. Water down the soils if needed. 8/14/08</p>	<p>Needs regular attention.</p>
	<p>Excavation work is complete and the area is stable but the surface is waiting to be paved (portions since 6/6), leaving some potential for run-off. 8/14/08</p>	<p>Final restoration efforts are on hold until after a planned DOT drainage project. Continue to monitor the area. Evaluate the potential for run-off and install controls if necessary until the area is resurfaced. 8/14/08</p>	<p>Needs evaluation.</p>
	<p>The soil on the slope near sta #1049 (vault #3) remains temporarily stabilized with hard-pack (since 7/25/07). 8/14/08</p>	<p>Continue to monitor the area for run-off and erosion until it is permanently stabilized. 8/14/08</p>	<p>The slope needs final restoration.</p>
	<p>The slope near sta. #1080 has been re-graded as part of the final restoration plan but soil remains exposed. 8/14/08</p>	<p>Continue to monitor and provide vegetative cover/plantings as soon as possible. See Soils section for more details. 8/14/08</p>	<p>Needs final restoration.</p>
	<p>Stone berm and silt fence remain near the entrance to the yard. The area is partially vegetated and stable. A small section of silt fence is sagging but continues to function. 8/14/08</p> <p>A stone construction pad is in place at the entrance to the Shelland Street yard. 8/14/08</p>	<p>Monitor the effectiveness of existing controls. Repair sagging section of silt fence. 8/14/08</p> <p>None. 8/14/08</p>	<p>Needs attention when feasible.</p> <p>NA</p>
<p><b>Inland Wetland and Watercourse encroachment and mitigation</b></p>	<p>Inland Wetland resource areas are located near sta. #1012 to 1021, #1051, and #1053. 8/14/08</p>	<p>Monitor resource areas to ensure that non-permitted encroachment or impacts do not occur. 8/14/08</p>	<p>NA</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p><b>Staging, Storage, and Parking Areas</b></p>	<p>A contractor lay-down yard is located in Milford off of Shelland St. Stone is in place throughout the yard to reduce mud and subsequent tracking. 8/14/08</p> <p>A sizable amount of stockpiled material has overtopped the concrete storage bins and spilled onto the adjacent silt fence. Contractor has stated they plan to remove the material prior to final restoration (since 3/6). Material has been removed from behind one of the bins, but remains in other areas. 5/8-8/14/08</p>	<p>See Erosion Control and Spills and Material Storage sections for more details. 8/14/08</p> <p>Contain material within established storage area and limits of the yard. Consider removing the remainder of the material that has been pushed beyond the limits of the yard now, rather than during final restoration. 3/6-8/14/08</p>	<p>NA</p> <p>Needs additional attention.</p>
<p><b>Soils</b></p>	<p>During active work, soils are exposed as part of the excavation for trench, vault, and utility work. 8/14/08</p> <p>See Vegetative clearing/stabilization regarding sta. #1080. 8/14/08</p>	<p>Soils appear to have been handled appropriately. Ensure any material stockpiles are contained. 8/14/08</p> <p>See Vegetative clearing/stabilization regarding sta. #1080. 8/14/08</p>	<p>NA</p> <p>NA.</p>
<p><b>State species of concern, threatened and endangered species.</b></p>	<p>According to the D&amp;M plan, state-listed species are not located in this work area. 8/14/08</p>	<p>None. 8/14/08</p>	<p>NA</p>
<p><b>Vegetative clearing (including trees to save or danger trees noted) or stabilization</b></p>	<p>The sapling remain at sta. #1049 (vault #3) in an effort to restore pre-construction conditions. Adjacent areas remain backfilled with processed material. 8/14/08</p> <p>The slope near sta. #1080 was recently re-graded as part of final restoration measures but soils remain exposed. 8/14/08</p>	<p>Continue to monitor and permanently stabilize the area when feasible. 8/14/08</p> <p>Coordinate final restoration plans with the landowner. Provide vegetative cover or plantings to permanently</p>	<p>NA at this time</p> <p>Needs final stabilization/ plantings</p>

<b>Areas of Inspection</b>	<b>Observation</b>	<b>Recommended Action</b>	<b>Corrected Action</b>
	<b>Some vegetative cover is in place over the exposed soils outside of the Milford lay-down yard. The stone berm remains in place. 8/14/08</b>	<b>stabilize the slope. 8/14/08</b>  <b>Continue to monitor until exposed soils are permanently stabilized. 8/14/08</b>	<b>Continue to monitor.</b>
<b>Dewatering</b>	<b>Dewatering was not observed at the time of the inspection. 8/14/08</b>	<b>None. Continue to ensure dewatering discharge is contained appropriately and filtered as per the D&amp;M plan. 8/14/08</b>	<b>NA</b>
<b>Blasting</b>	<b>No blasting has been proposed. 8/14/08</b>	<b>None 8/14/08</b>	<b>NA</b>
<b>Spills and Material Storage</b>	<b>Reserve spill cleanup materials/kits were observed in the storage yard. 8/14/08</b>  <b>Stockpiled materials are overtopping the established storage bins, beyond the perimeter controls of the yard. (noted since 4/25/07) The amount of material has increased (since 3/6/08). Material has been removed from behind one of the bins, but remains in other areas. 5/8-8/14/08</b>	<b>Continue to bring spill kits to active work sites. 8/14/08</b>  <b>Previously, contractors stated the materials will be removed when the area is restored. However, due to the increase in amount of material, consider removing the material beyond the yard limits sooner rather than waiting until yard restoration. 3/6-8/14/08</b>	<b>NA</b>  <b>Needs additional attention.</b>
<b>Additional Observations</b>	<b>None. 8/14/08</b>	<b>None. 8/14/08</b>	<b>NA</b>

**Next likely scheduled inspection:**

**Thursday August 21, 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:** Lennox Keen, BSC Group

**Reviewer:** Diana Walden, BSC Group



**Electrical contractor was on site at vault #1. The areas have been backfilled with crushed stone and are generally stable. Final restoration is on-hold pending a planned DOT drainage project.**



**The slope near sta. #1080 has been re-graded with processed material as part of the final restoration plan. Stabilization will be needed.**



**A contractor lay-down yard is located in Milford off of Shelland St. Stone is in place throughout the yard to reduce mud and subsequent tracking**