

**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:** October 30, 2008

**Inspector:** Gregory Sommer

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

**Rain Event:** 1.56" of precipitation was reported since the previous inspection, with 0.76" and 0.80" recorded on 10/25 and 10/28 respectively. (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 controlling sedimentation remains near the entrance to the Shelland Street lay-down yard. 10/30/08</b>	<b>Continue to monitor area and sweep roadway as necessary. 10/30/08</b>	<b>Not applicable (NA)</b>
<b>Vault Openings and Trench Construction</b>	<b>None. 10/30/08</b>	<b>None. 10/24/08</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, while other basins will be cleaned when work is completed. 10/30/08</b>	<b>If work is complete, remove any remaining controls and clean the catch basins as necessary. If work resumes, prevent sediment from entering basin. 10/30/08</b>	<b>Needs regular attention.</b>
	<b>Any exposed soils have potential for airborne dust migration. Contractors are aware of the potential. 10/30/08</b>	<b>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. 10/30/08</b>	<b>Needs regular attention.</b>
	<b>On the east side the berm along the south side of the staging area has vegetated and is stable. A line of haybales remains</b>	<b>Remove silt fence when feasible but haybales can remain. 10/30/08</b>	<b>NA</b>

Areas of Inspection	Observation	Recommended Action	Corrected Action
Milford lay-down yard	<p><b>near sta #1017. 10/30/08</b></p> <p><b>The slope near sta #1049 (vault #3) was still partially covered in exposed process material. It should be placed with topsoil and seeded. 10/30/08</b></p> <p><b>The slope near sta. #1080 has been re-graded as part of the final restoration plan but soil remains exposed for several weeks. However, topsoil was applied over a portion of the slope two weeks ago but has not been completed. 10/30/08</b></p> <p><b>The accumulating soil along the edge of the curb near sta. #1030 has been swept and is no longer blocking the catch basin. 10/30/08</b></p> <p><b>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. 10/30/08</b></p> <p><b>A stone construction pad is in place at the entrance to the Shelland Street yard. 10/30/08</b></p>	<p><b>Apply topsoil and seed or establish final cover. 10/30/08</b></p> <p><b>Continue to monitor and provide vegetative cover/plantings as soon as possible. 8/14-10/30/08</b></p> <p><b>None. 10/24/08</b></p> <p><b>Monitor the effectiveness of existing controls. Repair sagging section of silt fence. 10/30/08</b></p> <p><b>None. 10/30/08</b></p>	<p><b>The slope needs final restoration. Needs evaluation</b></p> <p><b>Topsoil application needs to be completed. Needs final restoration.</b></p> <p><b>Sediment was removed..</b></p> <p><b>Needs attention when feasible.</b></p> <p><b>NA</b></p>
Inland Wetland and Watercourse encroachment and mitigation	<p><b>Inland Wetland resource areas are located near sta. #1012 to 1021, #1051, and #1053. 10/30/08</b></p>	<p><b>Monitor resource areas to ensure that non-permitted encroachment or impacts do not occur. 10/30/08</b></p>	<p><b>NA</b></p>
Staging, Storage, and Parking Areas	<p><b>A contractor lay-down yard is located in Milford off of Shelland St. Equipment is being demobilized as work is</b></p>	<p><b>See Erosion Control and Spills and Material Storage sections for more details. 10/30/08</b></p>	<p><b>NA</b></p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
	<p><b>concluding 10/30/08</b></p> <p><b>An 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. 5/8-10/30/08</b></p>	<p><b>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. 3/6-10/30/08</b></p>	<p><b>Needs additional attention.</b></p> <p><i>Determine responsibility and restoration plan for the yard going forward as it is used for other projects in the area.</i></p>
<p><b>Soils</b></p>	<p><b>During active work, soils are exposed as part of the excavation for trench, vault, and utility work. 10/30/08</b></p>	<p><b>Soils appear to have been handled appropriately. Ensure any material stockpiles are contained. 10/30/08</b></p>	<p><b>NA</b></p>
<p><b>State species of concern, threatened and endangered species.</b></p>	<p><b>According to the D&amp;M plan, state-listed species are not located in this work area 10/30/08</b></p>	<p><b>None. 10/30/08</b></p>	<p><b>NA</b></p>
<p><b>Vegetative clearing (including trees to save or danger trees noted) or stabilization</b></p>	<p><b>The sapling remains at sta. #1049 (vault #3) in an effort to restore pre-construction conditions. A portion of the area remains exposed with process material in place. 10/30/08</b></p> <p><b>The slope near sta. #1080 was recently re-graded as part of final restoration measures but soils remain exposed for several weeks and a gully is forming (since 9/12) Topsoil is partially applied and needs to continue. 10/30/08</b></p>	<p><b>See erosion control section for more details. Provide plantings if necessary. 10/30/08</b></p> <p><b>Coordinate final restoration plans with the landowner. Provide vegetative cover or plantings to permanently stabilize the slope. 10/30/08</b></p>	<p><b>Needs evaluation</b></p> <p><b>Topsoil application needs to be completed. Needs final stabilization/ plantings.</b></p>
<p><b>Dewatering</b></p>	<p><b>Dewatering was not observed at the time of the inspection. 10/30/08</b></p>	<p><b>Continue to ensure dewatering discharge is contained appropriately and filtered as per the</b></p>	<p><b>NA</b></p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
		<b>D&amp;M plan. 10/30/08</b>	
<b>Blasting</b>	<b>No blasting has been proposed. 10/30/08</b>	<b>None 10/30/08</b>	<b>NA</b>
<b>Spills and Material Storage</b>	<p style="text-align: center;"><b>Reserve spill cleanup materials/kits were observed in the storage yard. 10/30/08</b></p> <p style="text-align: center;"><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. 5/8-10/30/08</b></p>	<p style="text-align: center;"><b>Continue to bring spill kits to active work sites. 10/30/08</b></p> <p style="text-align: center;"><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. 3/6-10/30/08</b></p>	<p style="text-align: center;"><b>NA</b></p> <p style="text-align: center;"><b>Needs additional attention.</b></p> <p style="text-align: center;"><b>Determine responsibility and restoration plan for the yard going forward as it is used for other projects in the area.</b></p>
<b>Additional Observations</b>	<b>None. 10/30/08</b>	<b>None. 10/23/08</b>	<b>NA</b>

**Next likely scheduled inspection:**

**Friday, November 7, 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



**Topsoil had been applied to a portion of the slope near sta. #1080 two weeks ago. Complete the application and ensure that soil is stabilized with mulch as soon as feasible.**



**Catch basin near sta. #1030 has been cleaned and sediment/debris along the roadway has been swept.**