

**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:** April 24, 2008

**Inspector:** Gregory Sommer

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

**Rain Event:** 0.00" of precipitation was reported since the previous inspection (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. A minor amount of sediment has accumulated behind the berm. 4/24/08</b>	<b>Continue to monitor area and sweep roadway as necessary. Remove accumulated sediment from behind the stone berm or ensure the yard remains contained. 4/24/08</b>	<b>Needs proactive attention when feasible but no immediate issues.</b>
<b>Vault Openings and Trench Construction</b>	<b>Portions of Naugatuck Avenue were closed due to trenching and backfilling activities at sta. #1030-1032 &amp; #1044-1046. 4/24/08</b>	<b>None. 4/24/08</b>	<b>Not Applicable (NA)</b>
	<b>Backfilling was on going but largely complete near sta. #1015-1020. 4/24/08</b>	<b>None. 4/24/08</b>	<b>NA</b>
<b>Erosion and Sediment Controls</b>	<b>Filter fabric or filter socks remain in catch basins that are down-gradient of/adjacent to remaining areas of exposed soil. 4/24/08</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. 4/24/08</b>	<b>Needs regular attention.</b>
	<b>Saw cutting slurry has the potential to enter catch basins. 4/24/08</b>	<b>Continue to prevent slurry from entering catch basins and sensitive areas, by quickly attending to it as it is generated. 4/24/08</b>	<b>Needs regular attention.</b>

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	<p>The area near sta #999 was paved. A minor amount of sediment and debris has been swept from the surface of the staging area. A small area has not been paved and processed material remains. 4/24/08</p> <p>Any exposed soils have potential for airborne dust migration. Contractors are aware of the potential. Minor dust migration issues were observed near sat. #1015-1020. 4/10-4/24/08</p> <p>Hay bales remain along the edge of the work zone near sta. #1015-1020 were beginning to deteriorate. A small channel has formed in one area. The hay bales at this location have been replaced with crushed stone. The debris previously noted here has been removed. 4/24/08</p> <p>Hay bales remain in place along the bank of the Housatonic River. 4/24/08</p> <p>The soil on the slope near sta #1049 (vault #3) which had been exposed (noted 7/5/07) remains temporarily stabilized with hard-pack and barrier controls (since 7/25/07). 4/24/08</p> <p>A paved berm remains at the top of the slope near sta. #1080 to proactively divert stormwater to a catch basin (noted 7/19/07). 4/24/08</p>	<p>Confirm whether the small area is to remain unpaved or what the final surface treatment will be. 4/24/08</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. 4/24/08</p> <p>Continue to monitor the area and refresh/ adjust erosion controls as necessary. Determine if the new solution will be effective for controlling run-off 4/24/08</p> <p>Continue to monitor the area. Work to establish original cover (pavement or vegetation) on exposed surfaces. 4/24/08</p> <p>Continue to monitor the area for run-off and erosion until it is permanently stabilized. 4/24/08</p> <p>Continue to monitor to ensure diverted stormwater does not affect neighboring properties. See vegetative clearing section for more</p>	<p>Area has been swept.</p> <p>Surface watering may be needed at sta #1015-1020.</p> <p>The deteriorated hay bales have been replaced with crushed stone. Debris was removed.</p> <p>NA at this time</p> <p>The slope needs final restoration. (Contractors will be working on a future plan)</p> <p>Continue to monitor.</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
<b>Milford lay-down yard</b>	<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. Some sections of silt fence along the south side of the yard are also sagging 3/20-4/24/08</p> <p>A stone construction entrance is in place at the entrance to the Shelland Street yard. 4/24/08</p>	<p>details. 4/24/08</p> <p>Monitor the effectiveness of existing controls. Repair sagging sections of silt fence. 4/24/08</p> <p>Continue to monitor for tracking. 4/24/08</p>	<p>Continue to monitor</p> <p>NA</p>
<b>Inland Wetland and Watercourse encroachment and mitigation</b>	<p>Inland Wetland resource areas are located near sta. #1012 to 1021, #1051, and #1053. 4/24/08</p>	<p>Monitor resource areas to ensure that non-permitted encroachment or impacts do not occur. 4/24/08</p>	<p>NA</p>
<b>Staging, Storage, and Parking Areas</b>	<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. 4/24/08</p> <p>A sizable amount of stockpiled material has overtopped the concrete storage bins and spilled onto the adjacent silt fence. Contractor plans to remove the material prior to final restoration. 3/6-4/24/08</p>	<p>See Erosion Control and Spills and Material Storage sections for more details. 4/24/08</p> <p>Contain material within established storage area and limits of the yard. Consider removing the gravel material that has been pushed beyond the limits of the yard now, rather than during final restoration. 3/6-4/24/08</p>	<p>NA</p> <p>Needs evaluation</p>
<b>Soils</b>	<p>During active work, soils are exposed as part of the excavation for trench, vault, and utility work. 4/24/08</p>	<p>Soils appear to have been handled appropriately. Ensure any material stockpiles are contained. 4/24/08</p>	<p>NA</p>
<b>State species of concern, threatened and endangered species.</b>	<p>According to the D&amp;M plan, state-listed species are not located in this work area</p>	<p>None. 4/24/08</p>	<p>NA</p>

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	4/24/08		
<b>Vegetative clearing (including trees to save or danger trees noted) or stabilization</b>	<p>Turf grass, hay mulch and the planted sapling remain at sta. #1049 (vault #3) in an effort to restore pre-construction conditions. 4/24/08</p> <p>The exposed soil along the slope near sta. #1080 has naturally vegetated (approximately 90% coverage). 4/24/08</p> <p>Some vegetative cover is in place over the exposed soils located outside of the Milford lay-down yard. The stone berm remains in place. 4/24/08</p>	<p>Continue to monitor turf grass for viability and permanently stabilize the mulched area. See erosion control section for more details. 4/24/08</p> <p>Coordinate final restoration plans with the landowner. 4/24/08</p> <p>Continue to monitor until exposed soils are permanently stabilized. 4/24/08</p>	<p>NA at this time</p> <p>Final restoration needed.</p> <p>Continue to monitor.</p>
<b>Dewatering</b>	<p>An extensive dewatering system remains near sta #1015-1020. Several frac tanks are on site, as a large volume of water had been anticipated. 4/24/08</p>	<p>None. If dewatering needs to occur, ensure that it is contained appropriately and filtered as per the D&amp;M plan. 4/24/08</p>	<p>NA</p>
<b>Blasting</b>	<p>No blasting has been proposed. 4/24/08</p>	<p>None 4/24/08</p>	<p>NA</p>
<b>Spills and Material Storage</b>	<p>Reserve spill cleanup materials/kits were observed in the storage yard. 4/24/08</p> <p>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), but the yard is expected to be closed within the next few months. 4/24/08</p> <p>Debris was previously located in the vicinity of a resource area adjacent to</p>	<p>Continue to bring spill kits to active work sites. 4/24/08</p> <p>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. 3/6-4/24/08</p> <p>A designated concrete washout area had also been noted in this general</p>	<p>NA</p> <p>Needs evaluation prior to restoration of the yard.</p> <p>Debris was removed.</p>

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	<b>the work between sta. #1015-1020. It has since been removed. 4/24/08</b>	<b>vicinity – confirm material has been removed appropriately. 4/24/08</b>	
<b>Additional Observations</b>	<b>None. 4/24/08</b>	<b>None. 4/24/08</b>	<b>NA</b>

**Next likely scheduled inspection:** Thursday May 1, 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



**HDD work has been tied-in to the vault near sta. #1015 and the area was being backfilled with crushed stone and process material in preparation for paving.**



**Deteriorating hay bales have been removed from the drainage swale near sta. #1017. Crushed stone has been installed to limit Sedimentation. Continue to monitor and determine if this is effective.**



**Tie-in work has been completed on the west side of the Housatonic River near sta. #999 and the area has been paved. A small section remains backfilled with soil/ processed material.**



**Trenching continues along Naugatuck Avenue near sta. 1030-1032.**