

**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:** February 14, 2008

**Inspector:** Gregory Sommer

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

**Rain Event:** A trace of precipitation was reported on 2/13 which was the only precipitation recorded since the previous week's 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>	<p>Stone const. entrance remains in place near #1051 and #1080 but crews are no longer accessing this section of ROW. 2/14/08</p> <p>A crushed-stone berm for controlling sedimentation remains near the entrance to the Shelland Street lay-down yard. However, minor sediment tracking was observed on the roadway. A large pothole/depression in the roadway here is retaining run-off. 2/14/08</p>	<p>Continue to monitor ROW. Responsibility should be coordinated with overhead contractors. 2/14/08</p> <p>Continue to monitor area and sweep roadway as necessary. The stone in the entrance pad may need to be refreshed. 2/14/08</p>	<p>Not Applicable (NA) - (See 2B report for details).</p> <p>Needs regular attention.</p>
<b>Vault Openings and Trench Construction</b>	<p>Portions of Naugatuck Avenue were closed due to trenching activities at stations #1032-1033 &amp; #1036-1037. 2/14/08</p>	<p>None. 2/14/08</p>	<p>NA</p>
<b>Erosion and Sediment Controls</b>	<p>Filter fabric or filter socks remain in catch basins that are down-gradient of/adjacent to remaining areas of exposed soil. 2/14/08</p>	<p>Continue to place a gutter buddy (or similar) in any catch basins with a curb/gutter drop inlet to prevent sediment from entering basin. 2/14/08</p>	<p>Needs regular attention.</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
Milford lay-down yard	Saw cutting slurry has the potential to enter catch basins. 2/14/08	Continue to prevent slurry from entering catch basins and sensitive areas, by quickly attending to it as it is generated. 2/14/08	Needs regular attention.
	Any exposed soils have potential for airborne dust migration. Contractors are aware of the potential. 2/14/08	Prevent dust migration by implementing dust control measures. If exposed soils are not to be worked within 21 days, they should be stabilized. 2/14/08	NA
	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). 2/14/08	Continue to monitor the area for run-off and erosion until it is permanently stabilized. 2/14/08	NA
	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). 2/14/08	Continue to monitor to ensure diverted stormwater does not affect neighboring properties. See vegetative clearing section for more details. 2/14/08	The slope needs final restoration. (Contractors will be working on a future plan)
	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 10/25/07-2/14/08	Monitor the effectiveness of existing controls. Remove accumulated sediment from the berm as necessary. Repair sagging sections of silt fence. 10/25/07-2/14/08	Needs attention.
Inland Wetland and Watercourse encroachment and mitigation	Inland Wetland resource areas are located near sta. #1012 to 1021, # 1051, and #1053. 2/14/08	Monitor resource areas to ensure that non-permitted encroachment or impacts do not occur. 2/14/08	NA
Staging Storage, and Parking Areas	A contractor lay-down yard is located in Milford off of Shelland St. Stone is	See Access Road and Spills and Material Storage sections for more	Needs regular attention.

Areas of Inspection	Observation	Recommended Action	Corrected Action
	<p><b>in place throughout the yard to reduce mud and subsequent tracking. However with the increased activity, the yard is muddy and some minor sediment tracking was noted. 2/14/08</b></p>	<p><b>details. Contain material within established storage area and limits of the yard. 2/14/08</b></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. 2/14/08</b></p>	<p><b>Soils appear to have been handled appropriately. Ensure any material stockpiles are contained. 2/14/08</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 2/14/08</b></p>	<p><b>None. 2/14/08</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>Turf grass, hay mulch and the planted sapling remain at sta. #1049 (vault #3) in an effort to restore pre-construction conditions. 2/14/08</b></p> <p><b>The exposed soil along the slope near sta. #1080 has naturally vegetated (approximately 90% coverage). 2/14/08</b></p> <p><b>Some vegetation cover is in place over the exposed soils located outside of the Milford lay-down yard. The stone berm remains in place. 2/14/08</b></p>	<p><b>Continue to monitor turf grass for viability and permanently stabilize the mulched area. See erosion control section for more details. 2/14/08</b></p> <p><b>Coordinate final restoration plans with the landowner. 2/14/08</b></p> <p><b>Continue to monitor until exposed soils are permanently stabilized. 2/14/08</b></p>	<p><b>NA at this time</b></p> <p><b>Final restoration needed.</b></p> <p><b>Continue to monitor.</b></p>
<p><b>Dewatering</b></p>	<p><b>At the time of the inspection the trench near sta. #1038 was being dewatered. The trench was being backfilled and concrete slurry had mixed with the groundwater which was being pumped down the street towards a plugged catch basin near sta. #1034. As a result, runoff was ponding along</b></p>	<p><b>The supervisor was informed of the problem and the crew agreed to vacuum out the catch basin at the end of the day. For future dewatering needs, ensure that it is contained appropriately and filtered as per the D&amp;M plan. Filtration was not observed at this location. 2/14/08</b></p>	<p><b>Needs attention.</b></p> <p><i>Supervisor was notified and catch basin will be vacuumed.</i></p>

<b>Areas of Inspection</b>	<b>Observation</b>	<b>Recommended Action</b>	<b>Corrected Action</b>
	<b>the roadway. 2/14/08</b>		
<b>Blasting</b>	<b>No blasting has been proposed. 2/14/08</b>	<b>None 2/14/08</b>	<b>NA</b>
<b>Spills and Material Storage</b>	<b>Reserve spill cleanup materials/kits were observed in the storage yard. 2/14/08</b>  <b>Material (gravel) was overtopping the established storage bins, beyond the perimeter controls of the yard. (noted since 4/25/07) 2/14/08</b>	<b>Continue to bring spill kits to active work sites. 2/14/08</b>  <b>Contractors stated the materials will be removed when the area is restored. 2/14/08</b>	<b>NA</b>  <b>Needs attention when the yard is restored.</b>
<b>Additional Observations</b>	<b>Horizontal directional drilling crew have been working in the area near #1015 to #1020 (vault #1) at the approach to the Housatonic River. 2/14/08</b>  <b>The minor sediment accumulation remains along the shoulder of Caswell Street. (This tracking was determined not to be associated with this portion of the project). 12/31-2/14/08</b>	<b>Monitor area. See the waterway and railroad crossings underground report. Coordinate restoration of this area when activities cease. 2/14/08</b>  <b>Sediment appears to be related to the M/N overhead work. Responsibility for maintaining catch basin controls will need to be shifted to overhead crews. 11/15/07-2/14/08</b>	<b>NA at this time.</b>  <b>Non-jurisdictional to this D&amp;M plan. See the 2B report.</b>

**Next likely scheduled inspection:**

**Thursday, February 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:** Gregory Sommer, BSC Group

**Reviewer:** Diana Walden, BSC Group



**Construction entrance at the Shelland Street lay-down yard continues to function. A large pothole/ depression has formed near the entrance causing storm runoff to pond in this area.**



**Trenching activities continue along Naugatuck Ave near sta. #1032 to 1033.**



**Trenching and backfilling activities continue along Naugatuck Ave near sta. #1037 to 1038. At the time of the inspection the trench was being backfilled. Concrete slurry had mixed with the groundwater which was being pumped down the street towards a plugged catch basin near sta. #1034. The runoff was ponding along the roadway. The supervisor was informed of the problem and the crew agreed to vacuum out the catch basin at the end of the day. Evaluate dewatering methods and ensure they are in compliance.**

