

**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 7, 2007

**Inspector:** Katie Bednaz

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

**Rain Event:** 0.28" of precipitation was recorded since the previous inspection in Bridgeport, CT (NOAA data)

Areas of Inspection	Observation	Recommended Action	Corrected Action
Access Roads and Adjacent Roadways	A cross-country access road is being used for trenching activities at station #1065 to 1073. A stone entrance pad is in place at station #1053, where the paved way intersects the cross-country route. 2/7/07	None. Continue to maintain construction pads as necessary. 2/7/07	Not Applicable (NA)
	Although the road was watered down last week, airborne dust migration was observed in the vicinity of station #1066 within the cross-country access road. 2/7/07	Prevent dust migration by implementing the dust control specifications within the 2002 CT Guidelines for Soil Erosion and Sediment Control. 2/7/07	Needs attention when feasible.
	All catch basins that are downgradient of adjacent to construction activities have been protected. 2/7/07	Continue to monitor and maintain controls as necessary and keep up with sawcut slurry when it is produced. 2/7/07	NA
Shelland St (contractor yard)	The stone access stone pad remains in place at the entrance of the yard. Although the roadway appears to be swept, sediment accumulation was noted along the	Continue to monitor and maintain as necessary. Sweep roadway regularly and consider removing sediment accumulation from the gutter by hand if the sweeper cannot reach	Needs regular attention.

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	curbing or gutter. 2/7/07	it. 2/7/07	
<b>Vault Openings and Trench Construction</b>	<p>Trenching activities where being conducted between stations: #1035 to 1037, #1080 to 1082, #1091 to 1093, #1099 to 1104. #1071 to 1073, and #1063 to 1066. This includes work along Shelland St. 2/7/07</p> <p>Vault #7 installation activities have been completed and the area was restored. 2/7/07</p>	<p>Continue to monitor and be proactive. Continue to mulch/ temporarily stabilize areas as they are completed. Continue to sweep roadways as soon as feasible. 2/7/07</p> <p>None. 2/7/07</p>	<p>Catch basins are protected.(Proactively)</p> <p>NA</p>
<b>Erosion and Sediment Controls</b>	<p>Filter fabric or filter socks have been placed in catch basins that are down-gradient of/adjacent to construction activities. 2/7/07</p> <p>Any exposed soils have potential for airborne dust migration. Contractors are aware of the potential. 2/7/07</p> <p>Slurry from saw cutting activities has the potential to enter catch basins. 2/7/07</p> <p>Silt fence was in place along both sides of the access road in the cross country section. The section noted near #1052 has been repaired. 2/7/07</p> <p>The silt fence along the</p>	<p>Continue place a gutter buddy (or similar) in any catch basins with a curb/gutter drop inlet to prevent sediment from entering basin. 2/7/07</p> <p>Prevent dust migration by implementing the dust control specifications within the 2002 CT Guidelines for Soil Erosion and Sediment Control. If exposed soils are not to be worked within 14-21 days, they should be stabilized. 2/7/07</p> <p>Continue to prevent slurry from entering catch basins and sensitive areas, and protect nearby catch basins during cutting activities. 2/7/07</p> <p>Continue to monitor and maintain or adjust controls as necessary. 2/7/07</p> <p>Continue to maintain or</p>	<p>Catch basins were protected.(Proactively)</p> <p>Needs regular attention but good efforts were noted</p> <p>NA</p> <p>Silt fence has been repaired.</p> <p>Silt fence has been</p>

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Shelland St (contractor yard)	<p>trench between station #1049-1051 has been toed in appropriately. 2/7/07</p> <p>Topsoil has been stock-piled in preparation for Vault #4 construction activities. Silt fence that was installed at the base of the pile has now been toed in appropriately. 2/7/07</p> <p>Exposed soils previously observed on the corner of Shelland St. and Caswell St. have been temporarily stabilized with mulch. 2/7/07</p> <p>Erosion controls remain around the entire perimeter of the contractor lay-down yard. Sediment issues were not observed. 2/7/07</p>	<p>adjust controls as necessary so they are effective in protecting the adjacent areas. 2/7/07</p> <p>Continue to monitor and maintain controls as needed. 2/7/07</p> <p>Although freezing temperatures and mulch are helping to stabilize exposed soils, continue to monitor. 2/7/07</p> <p>Continue to monitor. 2/7/07</p>	<p>toed-in appropriately.</p> <p>Silt fence has been toed-in appropriately.</p> <p>Exposed soils have been temporarily stabilized with hay mulch.</p> <p>NA</p>
Inland Wetland and Watercourse encroachment and mitigation	<p>Inland Wetland resource areas are located near station # 1053, 1051, and from #1012 to 1021. 2/7/07</p> <p>Wetland flagging was also noted along the trenchwork between station #1049-51. 2/7/07</p>	<p>Monitor resource areas to ensure that non-permitted encroachment or impacts do not occur to resource areas. 2/7/07</p> <p>None at this time. 2/7/07</p>	<p>NA</p> <p>NA</p>
Staging, Storage, and Parking Areas	<p>A contractor lay-down yard is located in Milford off of Shelland St. Jersey barriers are set up as bins to hold fill materials. Additional stone is in place throughout the yard to reduce mud and subsequent tracking. 2/7/07</p>	<p>Continue to monitor the perimeter of the yard to ensure sediment and materials are contained. 2/7/07</p>	<p>NA</p>
Soils	<p>Soils are exposed as part of the excavation for trench, vault, and utility</p>	<p>Soils appear to be handled appropriately. 2/7/07</p>	<p>NA</p>

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	<b>work. 2/7/07</b>		
<b>State species of concern, threatened and endangered species.</b>	<b>According to the D&amp;M plan, state-listed species are not located in this work area.</b>	<b>None</b>	<b>NA</b>
<b>Vegetative clearing (including trees to save or danger trees noted) or stabilization</b>	<b>Vegetated clearing has been conducted on the edge of the cross-country ROW from station #1064 to 1073 in order to accommodate the trenchwork. 2/7/07</b>	<b>Restore area as required by the D&amp;M Plan when feasible and as work is completed. Contractors understand that wood chips can be spread to a depth of 3" in upland portions of the ROW or to stabilize upland work area as necessary. 2/7/07</b>	<b>Needs attention when work is complete.</b>
<b>Dewatering</b>	<b>Dewatering activities were being conducted at station #1035-37 during this week's inspection. Water was being pumped to a vac truck. 2/7/07</b>	<b>None. If dewatering needs to occur in the cross-country access, ensure that it is contained appropriately and filtered before released to adjacent areas. 2/7/07</b>	<b>NA</b>
<b>Blasting</b>	<b>No blasting has been proposed. 2/1/07</b>	<b>None 2/1/07</b>	<b>NA</b>
<b>Spills and Material Storage</b>	<b>Reserve spill cleanup materials/kits were observed in the storage yard. 2/7/07</b>  <b>The uncontained concrete washout noted along the edge of the access road near station #1055 has been removed and disposed of. 2/7/07</b>	<b>Continue to bring spill kits to active work sites. 2/7/07</b>  <b>Remind drivers to washout in designated locations. Temporary basins have been constructed in other locations. 2/7/07</b>	<b>Spill kits were on site (proactively).</b>  <b>The concrete washout materials were removed.</b>
<b>Additional Observations</b>	<b>None 2/7/07</b>	<b>None 2/7/07</b>	<b>NA</b>

**Next likely scheduled inspection:**

**Thursday February 15, 2007**

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:** Katie Bednaz, BSC Group

**Reviewer:** Diana Walden, BSC Group



**Remnants of the concrete washout near station 1055 have been removed and properly disposed of.**



**Silt fence has been re-established/repared where necessary along the project route.**



**Photograph of trenching activities from station 1035 to 1037,. Dewatering activities were being conducted.**



**Exposed soils on the corner of Shelland and Caswell Sts. have been temporarily stabilized with hay mulch.**



**Both photos show a view of trenching activities along Shelland St. All catch basins have been adequately protected with controls.**



**Photo of the entrance of the Milford contractor lay-down yard.  
It appears that roadway sweeping is occurring, some sediment accumulation remains near the curbing or gutter. This may need to be removed by hand if sweepers can't reach it.**