

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 1, 2007

Inspector: Katie Bednaz

Location: East Devon Substation to the Housatonic River Crossing

Rain Event: 0.04” 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. 2/1/07	None. Continue to maintain construction pads as necessary. 2/1/07	Not Applicable (NA)
	The cross-country access road had been watered down for dust control. 2/1/07	None. Continue to treat for dust control when necessary. 2/1/07	Road was watered for dust control (proactively).
	All catch basins that are downgradient of/ adjacent to construction activities have been protected. 2/1/07	Continue to monitor and maintain controls as necessary and keep up with sawcut slurry when it is produced. 2/1/07	NA
Shelland St (contractor yard)	The stone access stone pad remains in place at the entrance of the yard. 2/1/07	Continue to monitor and maintain as necessary. Sweep roadway when necessary. 2/1/07	NA
Vault Openings and Trench Construction	Trenching activities where being conducted between stations: #1035 to 1036, #1050 to 1050+50, #1081 to 1083,	Continue to monitor and be proactive. Continue to mulch/ temporarily stabilize areas as they are completed. Continue to	Catch basins are protected.(Proactively)

Areas of Inspection	Observation	Recommended Action	Corrected Action
	<p>and #1103 to 1105. 2/1/07</p> <p>Vault #6 installation activities have been completed and the area was restored. 2/1/07</p> <p>Vault #7 installation activities were being conducted. 2/1/07</p>	<p>sweep roadways as soon as feasible. 2/1/07</p> <p>None. 2/1/07</p> <p>See dewatering section for additional details. 2/1/07</p>	<p>NA</p> <p>NA</p>
<p>Erosion and Sediment Controls</p>	<p>Filter fabric or filter socks have been placed in catch basins that are down-gradient of/adjacent to construction activities. 2/1/07</p> <p>Any exposed soils have potential for airborne dust migration. Contractors are aware of the potential. 2/1/07</p> <p>Slurry from saw cutting activities has the potential to enter catch basins. 2/1/07</p> <p>Silt fence was in place along both sides of the access road in the cross country section. One section near #1052 could use some maintenance 1/23 – 2/1/07</p> <p>Silt fence was installed along the trench between station #1049-1051 due to adjacent wetland areas but portions of the fence are not toed-in. 1/23 – 2/1/07</p> <p>Topsoil has been stock-piled in preparation for</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. 2/1/07</p> <p>Prevent dust migration by regularly watering down exposed soils and sweeping immediately. If exposed soils are not to be worked within 14-21 days, they should be stabilized. 2/1/07</p> <p>Continue to prevent slurry from entering catch basins and sensitive areas, and protect nearby catch basins during cutting activities. 2/1/07</p> <p>Continue to monitor and maintain or adjust controls as necessary. 1/23 – 2/1/07</p> <p>Maintain or adjust controls as necessary so they are effective in protecting the adjacent areas. 1/23 – 2/1/07</p> <p>Toe-in silt fence where needed. Continue to</p>	<p>Catch basins were protected.(Proactively)</p> <p>Needs regular attention but good efforts were noted</p> <p>NA</p> <p>Needs attention.</p> <p>Needs attention.</p> <p>Needs attention.</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
Shelland St (contractor yard)	<p>Vault #4 construction activities. Silt fence has been installed at the base of the pile, but portions were not toed-in. 2/1/07</p> <p>Exposed soils resulting from construction activities were observed on the corner of Shelland St. and Caswell St. 2/1/07</p> <p>Erosion controls remain around the entire perimeter of the contractor lay-down yard. Sediment issues were not observed. 2/1/07</p>	<p>monitor. 2/1/07</p> <p>Although freezing temperatures are helping stabilize exposed soils with mulch or similar when feasible. 2/1/07</p> <p>Continue to monitor. 2/1/07</p>	<p>Needs attention when feasible.</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. 2/1/07</p> <p>Wetland flagging was also noted along the trenchwork between station #1049-51. Controls were in place but need improvement. 2/1/07</p>	<p>Monitor resource areas to ensure that non-permitted encroachment or impacts do not occur to resource areas. 2/1/07</p> <p>See erosion control section. 2/1/07</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. 2/1/07</p>	<p>Continue to monitor the perimeter of the yard to ensure sediment and materials are contained. 2/1/07</p>	<p>NA</p>
Soils	<p>Soils are exposed as part of the excavation for trench, vault, and utility work. 2/1/07</p>	<p>Soils appear to be handled appropriately. 2/1/07</p>	<p>NA</p>
State species of concern, threatened and endangered species.	<p>According to the D&M plan, state-listed species are not located in this work area.</p>	<p>None</p>	<p>NA</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
Vegetative clearing (including trees to save or danger trees noted) or stabilization	Vegetated clearing has been conducted on the edge of the cross-country ROW from station #1064 to 1073 in order to accommodate the trenchwork. 2/1/07	Restore area as required by the D&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. 2/1/07	Needs attention when work is complete.
Dewatering	Dewatering activities were being conducted at Vault #7 during this week's inspection. Water was being pumped to a vac truck. 2/1/07	None. If dewatering needs to occur in the cross-country access, ensure that it is contained appropriately and filtered before released to adjacent areas. 2/1/07	NA
Blasting	No blasting has been proposed. 2/1/07	None 2/1/07	NA
Spills and Material Storage	Reserve spill cleanup materials/kits were observed in the storage yard. Spill kits were also noted on site adjacent to vault #7 construction activities. 2/1/07 An uncontained concrete washout was noted along the edge of the access road, away from trenching activities. 1/16-2/1/07	Continue to bring spill kits to active work sites. 2/1/07 This concrete should be removed and disposed of properly. Remind drivers to continue to washout in designated locations. Temporary basins had been constructed in other locations. 2/1/07	Spill kits were on site (proactively). Needs attention.
Additional Observations	None 2/1/07	None 2/1/07	NA

Next likely scheduled inspection:

Tuesday February 13, 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



Trenching activities near station #1072. Vegetation has been cleared to accommodate the installation of the utilities.



Construction access road has been watered down for dust control.



The uncontained concrete washout remains along the access road near station #1055. The concrete should be removed and properly disposed of.



Ensure that the silt fence near station #1052 is toed-in and maintained as necessary.



A portion of silt fence near station #1051 still needs to be toed-in. While soils are somewhat frozen and stable at this time, a wetland area is adjacent.



View of trenching activities in the roadway near station #1035.



View of trenching activities in the roadway at station #1081.



Exposed soils on the corner of Shelland and Caswell Sts. Although freezing temperatures are likely helping to stabilize soils, spread mulch or similar when feasible.



Above: Photo of Vault #7 installation activities. The adjacent construction activities are not covered by the Segment 3 inspection. Below: Photo shows a spill kit that was observed on site with the vault construction. Continue to be proactive about bringing these materials to active sites.

