

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 16, 2007

Inspector: Katie Bednaz

Location: East Devon Substation to the Housatonic River Crossing

Rain Event: Total of 0.35” of precipitation was recorded on 2/14 with additional traces 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. 2/16/07	None. Continue to maintain construction pads as necessary. 2/16/07	Not Applicable (NA)
	No airborne dust migration was noted during this week’s inspection, although it was previously observed in the vicinity of station #1066 within the cross-country access road. 2/16/07	Prevent dust migration by implementing the dust control specifications within the 2002 CT Guidelines for Soil Erosion and Sediment Control. Contractors have watered down the road in the past. 2/16/07	No issues noted but needs regular attention.
	All catch basins that are downgradient of adjacent to construction activities have been protected. 2/16/07	Continue to monitor and maintain controls as necessary and keep up with sawcut slurry when it is produced. 2/16/07	NA
Shelland St (contractor yard)	The stone access stone pad remains in place at the entrance of the yard. Minimal sediment was noted within the	Continue to monitor and maintain as necessary. Sweep roadway regularly and continue to remove sediment accumulation	No issues noted with sediment accumulation but needs regular attention.

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	roadway. 2/16/07	from the gutter by hand if the sweeper cannot reach it. 2/16/07	
Vault Openings and Trench Construction	<p>Trenching activities were being conducted between stations: #1036 to 1037, #1058 to 1061, #1093 to 1094, #1112 to 1113, and at #1097. 2/16/07</p> <p>Vault #4 excavation activities were being conducted. 2/16/07</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. 2/16/07</p> <p>None. 2/16/07</p>	<p>Catch basins are protected.(Proactively)</p> <p>NA</p>
Erosion and Sediment Controls	<p>Filter fabric or filter socks have been placed in catch basins that are down-gradient of/adjacent to construction activities. 2/16/07</p> <p>Any exposed soils have potential for airborne dust migration. Contractors are aware of the potential. 2/16/07</p> <p>Slurry from saw cutting activities has the potential to enter catch basins. 2/16/07</p> <p>Erosion controls remain in place along the exposed soils in the cross country route when resource areas are adjacent. 2/16/07</p> <p>Silt fence was observed adjacent to the work near station #1112-13.</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. 2/16/07</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. 2/16/07</p> <p>Continue to prevent slurry from entering catch basins and sensitive areas, by quickly attending to it as it is generated. 2/16/07</p> <p>Continue to monitor and adjust controls as needed. 2/16/07</p> <p>Stockpiles noted for the record but don't appear to be related to the</p>	<p>Catch basins were protected.(Proactively)</p> <p>Needs regular attention but good efforts were noted</p> <p>NA</p> <p>NA</p> <p>Silt fence is in place.</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
Shelland St (contractor yard)	<p>Stockpiles that do not appear to be a result of the project were placed outside of the fence on the far side of the ROW. 2/16/07</p> <p>Erosion controls remain around the entire perimeter of the contractor lay-down yard. Sediment issues were not observed. 2/16/07</p>	<p>project. Remain aware of adjacent resource areas. 2/16/07</p> <p>Continue to monitor. 2/16/07</p>	NA
Inland Wetland and Watercourse encroachment and mitigation	<p>Inland Wetland resource areas are located near station # 1053, 1051, from #1012 to 1021. Stations #1117 to 1118 are located in a resource area. 2/16/07</p> <p>Wetland flagging was also noted along the trenchwork between station #1049-51. 2/16/07</p>	<p>Monitor resource areas to ensure that non-permitted encroachment or impacts do not occur. 2/16/07</p> <p>None at this time. 2/16/07</p>	NA
Staging, Storage, and Parking Areas	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. 2/16/07	Continue to monitor the perimeter of the yard to ensure sediment and materials are contained. 2/16/07	NA
Soils	Soils are exposed as part of the excavation for trench, vault, and utility work. 2/16/07	Soils appear to be handled appropriately. 2/16/07	NA
State species of concern, threatened and endangered species.	According to the D&M plan, state-listed species are not located in this work area.	None	NA
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	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	Needs attention when work is complete.

Areas of Inspection	Observation	Recommended Action	Corrected Action
	trenchwork. 2/16/07 Soils have been temporarily stabilized with hay mulch on the corner of Shelland St. and Caswell St. 2/16/07	depth of 3" in upland portions of the ROW or to stabilize upland work area as necessary. 2/16/07 Final stabilization of exposed soils is required when weather permits. 2/16/07	Needs attention when work is complete.
Dewatering	Dewatering activities were not being conducted during this week's inspection. 2/16/07 A bermed basin was constructed, surrounded by a layer of silt fence and haybales, in preparation for either dewatering or washouts. 2/16/07	None. If dewatering needs to occur in the cross-country access, ensure that it is contained appropriately and filtered before released to adjacent areas. 2/16/07 Continue to monitor. 2/16/07	NA A containment basin was constructed. (proactively)
Blasting	No blasting has been proposed. 2/16/07	None 2/16/07	NA
Spills and Material Storage	Reserve spill cleanup materials/kits were observed in the storage yard. 2/16/07	Continue to bring spill kits to active work sites. 2/16/07	Spill kits were on site (proactively).
Additional Observations	None 2/16/07	None 2/16/07	NA

Next likely scheduled inspection:

Friday February 23, 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



Photo of trenching activities at Vault #4.



In preparation for construction activities, and potential dewatering or washout, a contained basin has been installed near station #1073.



Photo of trenching activities from station #1058 to 1061.



Minor sediment tracking noted from the Milford contractor lay-down yard. Continue to monitor and mitigate if necessary.



Photo taken near station #1111. Trenching activities shown to the right of the photo while wetland resource area is located to the far left. Stockpiles have potential to migrate towards wetland and into its buffer zone but do not appear to be here as a result of the project (noted for the record). NU contractors should continue to remain aware of the adjacent resource area.



Photo of trenching activities from station #1112 to 1113. No issues were noted.