

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 3, 2007

Inspector: Katie Bednaz

Location: East Devon Substation to the Housatonic River Crossing

Rain Event: Total of 0.24” of precipitation was reported since the previous inspection with 0.19” of the total recorded on 4/1. (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. 4/3/07	Continue to maintain construction pads as necessary. 4/3/07	Not Applicable (NA)
	No sediment tracking was noted on Naugatuck Ave. from the cross-country route. It appears that work in this area is complete for now. 4/3/07	Continue to sweep the roadway on a regular basis if active work returns. 4/3/07	No issues noted, but needs regular attention.
	All catch basins that are downgradient of adjacent to construction activities have been protected. 4/3/07	Continue to monitor and maintain controls as necessary and keep up with sawcut slurry when it is produced. 4/3/07	NA
Milford contractor yard	The stone access stone pad at the entrance of the yard appears clean. No sediment tracking was noted within the roadway. 4/3/07	Continue to monitor and maintain as necessary. Sweep roadway regularly and continue to remove sediment accumulation from the gutter by hand if the sweeper cannot reach it. 4/3/07	No issues noted but needs regular attention.

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Vault Openings and Trench Construction</p>	<p>Trenching activities were being conducted at stations: #1073 to #1076, and #1097 to #1098. 4/3/07</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. 4/3/07</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. 4/3/07</p> <p>Any exposed soils have potential for airborne dust migration. Contractors are aware of the potential. 4/3/07</p> <p>Slurry from saw cutting activities has the potential to enter catch basins. 4/3/07</p> <p>Erosion controls adjacent to sta. #1053 (adjacent to a resource area) were in disrepair. 3/22 – 4/3/07</p> <p>Haybales remain in place proactively near station #1017 to prevent sediment migration. The silt fence in this area is in disrepair. 4/3/07</p> <p>Milford (contractor yard)</p> <p>Erosion controls remain around the entire perimeter of the contractor lay-down yard. The pile of snow mixed with gravel that appeared</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. 4/3/07</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 30 days, they should be stabilized. 4/3/07</p> <p>Continue to prevent slurry from entering catch basins and sensitive areas, by quickly attending to it as it is generated. 4/3/07</p> <p>Re-establish and maintain the controls. 3/22 – 4/3/07</p> <p>Re-establish compromised silt fence, or stabilize exposed soils and remove silt fence. 4/3/07</p> <p>The stone should be carefully shoveled up and removed from the area beyond the controls. See staging, storage, and parking areas section.</p>	<p>Catch basins were protected.(Proactively)</p> <p>NA</p> <p>NA</p> <p>Needs attention</p> <p>Needs attention</p> <p>Needs attention</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
	<p>to have been plowed from the yard onto the opposite side of the silt fence (noted since 3/15) has melted. A small amount of gravel still remains outside of the silt fence. 3/27-4/3/07</p>	<p>4/3/07</p>	
<p>Inland Wetland and Watercourse encroachment and mitigation</p>	<p>Inland Wetland resource areas are located near station # 1053, 1051, and from #1012 to 1021. Stations #1117 to 1118 are located in a resource area. 4/3/07</p> <p>Wetland flagging was also noted along the trench work between station #1049-51. 4/3/07</p> <p>The access road gate near Naugatuck Avenue has been removed and is still being stored in the adjacent resource area. 3/15-4/3/07 A pile of brush and stumps was also placed in this resource area. 3/22 - 4/3/07</p>	<p>Monitor resource areas to ensure that non-permitted encroachment or impacts do not occur 4/3/07</p> <p>None at this time. 4/3/07</p> <p>Access road gate should be stored in an appropriate area outside of the resource area (3/15-4/3/07) and the logs/stumps removed to minimize any unnecessary impacts. 3/22 - 4/3/07</p>	<p>NA</p> <p>NA</p> <p>Needs attention.</p>
<p>Staging, Storage, and Parking Areas</p>	<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. 4/3/07</p> <p>The stone that was noted on the wrong side of the perimeter controls near the south side of the Shelland St. contractor yard (3/15) still remains. It appears to be the result of snow plowing over the fence. 3/27-4/3/07</p>	<p>Continue to monitor the perimeter of the yard to ensure sediment and materials are contained. 4/3/07</p> <p>Remove the gravel carefully by hand when feasible and restore the area if needed. 4/3/07</p>	<p>NA</p> <p>Needs attention when feasible.</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
Soils	Soils are exposed as part of the excavation for trench, vault, and utility work. 4/3/07	Soils appear to be handled appropriately. 4/3/07	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 is complete along the edge of the cross-country ROW from station #1064 to 1073 in order to accommodate the trenchwork. 4/3/07 Soils are temporarily stabilized with hay mulch on the corner of Shelland St. and Caswell St. 4/3/07	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. 4/3/07 Final stabilization of exposed soils should be performed when weather permits. 4/3/07	Needs attention when work is complete. Needs attention when work is complete.
Dewatering	Dewatering activities were not observed during this week's inspection. 4/3/07	None. If dewatering needs to occur in the cross-country access, ensure that it is contained appropriately and filtered before released to adjacent areas. 4/3/07	NA
Spills and Material Storage	Reserve spill cleanup materials/kits were observed in the storage yard. 4/3/07	Continue to bring spill kits to active work sites. 4/3/07	NA
Additional Observations	None 4/3/07	None 4/327/07	NA

Next likely scheduled inspection:

Friday April 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



Photo of the stone pile located beyond the perimeter erosion controls at the Milford lay-down yard as a result of the snow clearing a few weeks ago. The stone should be carefully shoveled up and removed when feasible. Restore the area if needed.



View of trenching activities between sta. #1073 to 1076.