

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: March 22, 2007

Inspector: Gregory Sommer

Location: East Devon Substation to the Housatonic River Crossing

Rain Event: Total of 1.35” of precipitation was reported since the previous inspection with 0.92” of the total recorded on 3/16. (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. 3/22/07	Continue to maintain construction pads as necessary. 3/22/07	Not Applicable (NA)
	Minor sediment tracking was noted on Naugatuck Ave. from the cross-country route. The stone construction pad appears clean. 3/22/07	Sweep the roadway on a regular basis. 3/22/07	No major issues noted, but needs regular attention.
	All catch basins that are downgradient of adjacent to construction activities have been protected. 3/22/07	Continue to monitor and maintain controls as necessary and keep up with sawcut slurry when it is produced. 3/22/07	NA
Shelland St	In the past, sediment tracking has been noted from the unpaved portion/active work area of the roadway near East Devon sub. 3/22/07	A stone construction entrance should be considered here. Continue to sweep the street regularly. 3/22/07	Needs regular attention
Milford contractor yard	The stone access stone pad at the entrance of the	Continue to monitor and maintain as necessary.	No major issues noted but needs regular

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	yard appears clean. Some minor sediment tracking was noted within the roadway. 3/22/07	Sweep roadway regularly and continue to remove sediment accumulation from the gutter by hand if the sweeper cannot reach it. 3/22/07	attention.
Vault Openings and Trench Construction	Trenching activities were being conducted at stations: #1063, #1095, and #1114+50. 3/22/07	Continue to monitor and be proactive. Continue to mulch/ temporarily stabilize areas as they are completed. Continue to sweep roadways as soon as feasible. 3/22/07	NA
Erosion and Sediment Controls	Filter fabric or filter socks have been placed in catch basins that are down-gradient of/adjacent to construction activities. 3/22/07	Continue place a gutter buddy (or similar) in any catch basins with a curb/gutter drop inlet to prevent sediment from entering basin. 3/22/07	Catch basins were protected.(Proactively)
	Any exposed soils have potential for airborne dust migration. Contractors are aware of the potential. 3/22/07	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. 3/22/07	NA
	Slurry from saw cutting activities has the potential to enter catch basins. 3/22/07	Continue to prevent slurry from entering catch basins and sensitive areas, by quickly attending to it as it is generated. 3/22/07	NA
	Erosion controls are in place between trenching activities and the adjacent resource area between stations #1016 to 1020. Haybales have been placed along the silt fence adjacent to station 1016+50 since the ground was frozen which prevented the fence from	Continue to monitor and adjust controls as needed. 3/22/07	Haybales have been placed along the silt fence as an alternative to toeing-in the fence.

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<p>Milford (contractor yard)</p>	<p>being toed-in. 3/22/07</p> <p>Erosion controls adjacent to sta. #1053 (adjacent to a resource area) were in disrepair. 3/22/07</p> <p>Haybales remain in place proactively near station #1017 to prevent sediment migration. The sediment noted along the roadway was present prior to construction. 3/22/07</p>	<p>Re-establish and maintain the controls. 3/22/07</p> <p>Continue to monitor. Proactive controls are in good shape. 3/22/07</p>	<p>Needs attention.</p> <p>NA.</p>
	<p>Erosion controls remain around the entire perimeter of the contractor lay-down yard. A mix of snow/gravel appears to have been plowed from the yard onto the opposite side of the silt fence. 3/15-3/22/07</p>	<p>Remove gravel/sediment from the opposite side of the silt fence. Continue to monitor. 3/15-3/22/07</p>	<p>Needs attention</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. 3/22/07</p>	<p>Monitor resource areas to ensure that non-permitted encroachment or impacts do not occur 3/22/07</p>	<p>NA</p>
	<p>An area of wetlands near stations #1117 to 1118 has been cleared as part of the East Devon substation activities. 3/22/07</p>	<p>This work is under the East Devon substation D&M plan. The wetland impacts will be mitigated off-site. 3/22/07</p>	<p>NA.</p>
	<p>Wetland flagging was also noted along the trench work between station #1049-51. 3/22/07</p>	<p>None at this time. 3/22/07</p>	<p>NA</p>
	<p>The access road gate near Naugatuck Avenue has been removed and is still being stored in the adjacent resource area. 3/15-3/22/07 A pile of brush and stumps was</p>	<p>Access road gate should be stored in an appropriate area outside of the resource area (3/15-3/22/07) and the logs/stumps removed to minimize any</p>	<p>Needs attention.</p>

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	also placed in this resource area. 3/22/07	unnecessary impacts. 3/22/07	
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. 3/22/07</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 last week still remains. It appears to be the result of snow plowing over the fence. 3/22/07</p>	<p>Continue to monitor the perimeter of the yard to ensure sediment and materials are contained. 3/22/07</p> <p>Evaluate the impacts and relocate the stone to the inside of the silt fence and controls. 3/15-3/22/07</p>	<p>NA</p> <p>Needs attention.</p>
Soils	Soils are exposed as part of the excavation for trench, vault, and utility work. 3/22/07	Soils appear to be handled appropriately. 3/22/07	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	<p>Vegetated clearing is complete along the edge of the cross-country ROW from station #1064 to 1073 in order to accommodate the trenchwork. 3/22/07</p> <p>Soils are temporarily stabilized with hay mulch on the corner of Shelland St. and Caswell St. 3/22/07</p>	<p>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. 3/22/07</p> <p>Final stabilization of exposed soils should be performed when weather permits. 3/22/07</p>	<p>Needs attention when work is complete.</p> <p>Needs attention when work is complete.</p>

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Dewatering	Dewatering activities were not observed during this week's inspection. 3/22/07	None. If dewatering needs to occur in the cross-country access, ensure that it is contained appropriately and filtered before released to adjacent areas. 3/22/07	NA
Blasting	No blasting has been proposed. 3/22/07	None 3/22/07	NA
Spills and Material Storage	Reserve spill cleanup materials/kits were observed in the storage yard. 3/22/07 Evidence of uncontained concrete washouts previously observed near stations #1016 and #1063 appear to be mitigated. Concrete trucks were also observed washing out at contained areas. 3/22/07	Continue to bring spill kits to active work sites. 3/22/07 Continue to ensure that future washouts are performed in approved, contained areas. 3/22/07	NA Uncontained concrete washouts at sta #1016 and #1063 have been mitigated.
Additional Observations	None 3/22/07	None 3/22/07	NA

Next likely scheduled inspection: Tuesday March 27, 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: Gregory Sommer, BSC Group

Reviewer: Diana Walden, BSC Group



Brush and stumps have been piled in a resource area beyond the silt fence. The gate at Naugatuck Ave has been removed and also remains stored in the adjacent resource area. Erosion controls are degraded here and need repair.



Trenching activities near sta. #1063. Concrete truck was observed washing out in a contained area.



Minor tracking was evident along the roadway at the entrance to the Milford lay-down yard.