

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 27, 2007

Inspector: Katie Bednaz

Location: East Devon Substation to the Housatonic River Crossing

Rain Event: Total of .27" of precipitation was reported since the previous inspection with 0.18" of the total recorded on 3/25. (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. 3/27/07	Continue to maintain construction pads as necessary. 3/27/07	Not Applicable (NA)
	No sediment tracking was noted on Naugatuck Ave. from the cross-country route. 3/27/07	Continue to sweep the roadway on a regular basis. 3/27/07	No major issues noted, but needs regular attention.
	All catch basins that are downgradient of adjacent to construction activities have been protected. 3/27/07	Continue to monitor and maintain controls as necessary and keep up with sawcut slurry when it is produced. 3/27/07	NA
Shelland St	A street sweeper was observed sweeping the roadway in the vicinity of the East Devon Sub and the contractor yard, during the inspection. A large amount of dust was being generated. 3/27/07	Continue to sweep the street regularly and attend to any dust issues. 3/27/07	The street was being swept; 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

Areas of Inspection	Observation	Recommended Action	Corrected Action
	yard appears clean. No sediment tracking was noted within the roadway. 3/27/07	Sweep roadway regularly and continue to remove sediment accumulation from the gutter by hand if the sweeper cannot reach it. 3/27/07	attention.
Vault Openings and Trench Construction	Trenching activities were being conducted at stations: #1072 to #1074, and #1097 to #1098. 3/27/07	Continue to monitor and be proactive. Continue to mulch/ temporarily stabilize areas as they are completed. Continue to sweep roadways as soon as feasible. 3/27/07	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. 3/27/07	Continue place a gutter buddy (or similar) in any catch basins with a curb/gutter drop inlet to prevent sediment from entering basin. 3/27/07	Catch basins were protected.(Proactively)
	Any exposed soils have potential for airborne dust migration. Contractors are aware of the potential. 3/27/07	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 30 days, they should be stabilized. 3/27/07	NA
	Slurry from saw cutting activities has the potential to enter catch basins. 3/27/07	Continue to prevent slurry from entering catch basins and sensitive areas, by quickly attending to it as it is generated. 3/27/07	NA
	Erosion controls adjacent to sta #1053 (adjacent to a resource area) were in disrepair. 3/22 – 3/27/07	Re-establish and maintain the controls. 3/22 – 3/27/07	Needs attention.
	Haybales remain in place proactively near station #1017 to prevent sediment migration. The sediment noted along the roadway was present	Continue to monitor. Proactive controls are in good shape. 3/27/07	NA.

Areas of Inspection	Observation	Recommended Action	Corrected Action
Milford (contractor yard)	<p>prior to construction. 3/27/07</p> <p>Erosion controls remain around the entire perimeter of the contractor lay-down yard. The pile of snow mixed with gravel that appeared to have been plowed from the yard onto the opposite side of the silt fence (noted since 3/15) has mostly melted. A small amount of gravel still remains outside of the silt fence. 3/27/07</p>	<p>Continue to monitor until snow has completely melted to determine the extent of gravel, and determine if mitigation is required. 3/27/07</p>	<p>Needs evaluation</p>
Inland Wetland and Watercourse encroachment and mitigation	<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. 3/27/07</p> <p>An area of wetlands near stations #1117 to 1118 has been cleared as part of the East Devon substation activities. 3/27/07</p> <p>Wetland flagging was also noted along the trench work between station #1049-51. 3/27/07</p> <p>The access road gate near Naugatuck Avenue has been removed and is still being stored in the adjacent resource area. 3/15-3/27/07 A pile of brush and stumps was also placed in this resource area. 3/22 - 3/27/07</p>	<p>Monitor resource areas to ensure that non-permitted encroachment or impacts do not occur 3/27/07</p> <p>This work is under the East Devon substation D&M plan. The wetland impacts will be mitigated off-site. 3/27/07</p> <p>None at this time. 3/27/07</p> <p>Access road gate should be stored in an appropriate area outside of the resource area (3/15-3/27/07) and the logs/stumps removed to minimize any unnecessary impacts. 3/22 - 3/27/07</p>	<p>NA</p> <p>NA.</p> <p>NA</p> <p>Needs attention.</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.</p>	<p>Continue to monitor the perimeter of the yard to ensure sediment and materials are contained. 3/27/07</p>	<p>NA</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
	<p>Additional stone is in place throughout the yard to reduce mud and subsequent tracking. 3/27/07</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. Most of the snow has melted. 3/27/07</p>	<p>Continue to monitor until snow has completely melted to determine the extent of gravel, and determine if mitigation (stone removal) is required. 3/27/07</p>	<p>Needs evaluation</p>
<p>Soils</p>	<p>Soils are exposed as part of the excavation for trench, vault, and utility work. 3/27/07</p>	<p>Soils appear to be handled appropriately. 3/27/07</p>	<p>NA</p>
<p>State species of concern, threatened and endangered species.</p>	<p>According to the D&M plan, state-listed species are not located in this work area.</p>	<p>None</p>	<p>NA</p>
<p>Vegetative clearing (including trees to save or danger trees noted) or stabilization</p>	<p>Vegetated clearing is complete along the edge of the cross-country ROW from station #1064 to 1073 in order to accommodate the trenchwork. 3/27/07</p> <p>Soils are temporarily stabilized with hay mulch on the corner of Shelland St. and Caswell St. 3/27/07</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. 3/27/07</p> <p>Final stabilization of exposed soils should be performed when weather permits. 3/27/07</p>	<p>Needs attention when work is complete.</p> <p>Needs attention when work is complete.</p>
<p>Dewatering</p>	<p>Dewatering activities were not observed during this week's inspection. 3/27/07</p>	<p>None. If dewatering needs to occur in the cross-country access, ensure that it is contained appropriately and filtered before released to adjacent areas. 3/27/07</p>	<p>NA</p>



View of trenching activities between sta. #1072 to 1074.



Sweeper removing tracked sediment on Shelland St. The truck may have run out of water in the process of sweeping, as a large amount of dust was being generated.



Location of former material/snow pile located beyond the perimeter controls at the Milford lay-down yard. A small amount of material remains now that most of the snow has melted. Evaluate the area to determine if the stone/sediment should be removed.