

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: June 6, 2007 (evening inspection)

Inspector: Katie Bednaz

Location: East Devon Substation to the Housatonic River Crossing

Rain Event: 2.37” of precipitation was reported since the previous inspection, with 1.49” of the total recorded on 6/4. (Bridgeport, CT NOAA data)

Areas of Inspection	Observation	Recommended Action	Corrected Action
Access Roads and Adjacent Roadways	Exposed soils along the cross-country route for trenching activities between station #1065 to 1073 remain hydro-seeded for temporary stabilization until overhead Segment 2b activities continue in this area. 6/6/07	Contractors should coordinate responsibility of the maintenance of sediment/erosion control during active work in the area. 6/6/07	Not Applicable (NA)
	A stone construction entrance is in place near station #1080. Sediment tracking was not observed. Exposed soil has previously been watered down to prevent airborne dust. 6/6/07	Continue to monitor and maintain the access and refresh stone when needed. 6/6/07	NA
	The small pile of flow fill material/dust at vault #1 (noted 5/31) has been sufficiently swept from the adjacent pavement. 6/6/07	None at this time. 6/6/07	The remaining material was removed.
Milford lay-down yard	The stone access stone pad at the entrance of the yard appears clean. No sediment tracking was noted within the	Continue to monitor and maintain as necessary. Sweep roadway regularly and continue to remove sediment accumulation	No issues noted but needs regular attention.

Areas of Inspection	Observation	Recommended Action	Corrected Action
	roadway. 6/6/07	from the gutter by hand if the sweeper cannot reach it. 6/6/07	
Vault Openings and Trench Construction	<p>Trenching activities were being conducted at stations: #1107 to #1109. 6/6/07</p> <p>Activities were complete at station #1180. 6/6/07</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. See erosion control section. 6/6/07	NA
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. 6/6/07</p> <p>Any exposed soils have potential for airborne dust migration. Contractors are aware of the potential. 6/6/07</p> <p>Slurry from saw cutting activities has the potential to enter catch basins. Issues were not observed this week 6/6/07</p> <p>The slopes near sta. #1076 remain loamed, hydroseeded and mulched, and are currently stable 6/6/07</p> <p>Construction activities are complete near sta. #1080. An area of soil, including an adjacent steep slope remain exposed. 6/6/07</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. 6/6/07</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. 6/6/07</p> <p>Continue to prevent slurry from entering catch basins and sensitive areas, by quickly attending to it as it is generated. 6/6/07</p> <p>Continue to monitor the slopes for erosion and establishment of grass cover. 6/6/07</p> <p>Implement measures to permanently or temporarily stabilize the entire area, and prevent the slope from eroding. 6/6/07</p>	<p>Catch basins were protected.(Proactively)</p> <p>NA</p> <p>NA</p> <p>NA.</p> <p>Needs attention when feasible.</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Milford (contractor yard)</p>	<p>The unwashed gravel that was previously placed in the drainage channel adjacent to vault #1, was sufficiently removed and relocated to create a berm in front of the erosion control barrier. 6/6/07</p> <p>The airborne dust migration created by vehicle traffic in the yard over the last few weeks was no longer noted at the time of inspection. 6/6/07</p> <p>Material (gravel) was overtopping the established storage bins, beyond the perimeter controls of the yard. (noted since 4/25) 6/6/07</p>	<p>Continue to evaluate any additional restoration efforts in the area of vault #1. 6/6/07</p> <p>Continue to 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. 6/6/07</p> <p>Contain material within established storage area and limits of yard. Contractors stated the materials will be removed when the area is restored. 6/6/07</p>	<p>Gravel was removed from the swale as recommended.</p> <p>No issues were noted but needs regular attention.</p> <p>Contractors stated that the materials will be removed when the yard is restored.</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. 6/6/07</p> <p>Wetland flagging was also noted along the trench work between station #1049-51. 6/6/07</p>	<p>Monitor resource areas to ensure that non-permitted encroachment or impacts do not occur 6/6/07</p> <p>None at this time. 6/6/07</p>	<p>NA</p> <p>NA</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 but have overtopped the containment area. Additional stone is in place throughout the yard</p>	<p>See erosion control section for more details. Contractors have stated the materials will be removed when the yard is restored. Contain material within established storage area and limits of yard. 6/6/07</p>	<p>Contractors have stated the materials will be removed when the yard is restored.</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
	to reduce mud and subsequent tracking 6/6/07		
Soils	Soils are exposed as part of the excavation for trench, vault, and utility work. 6/6/07	Soils appear to be handled appropriately. 6/6/07	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	Clearing is complete along the edge of the cross-country ROW from station #1064 to 1073 in order to accommodate the trenchwork. 6/6/07	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. 6/6/07	Needs attention when work is complete.
	Turf grass, hay mulch and the planted sapling remain at vault #3 in an effort to restore pre-construction conditions 6/6/07	Continue to monitor turf grass for viability and permanently stabilize mulched area 6/6/07	NA at this time
	Hydroseed remains within the cross-country portion of the right-of-way off of Naugatuck Ave. and along the slopes near sta. #1076. 6/6/07	Continue to monitor locations where mulch and seed were applied to ensure proper final stabilization. 6/6/07	NA at this time
	Seed and hay mulch was applied to exposed soils located immediately outside of the Milford lay-down yard perimeter fence. 6/6/07	Continue to monitor until exposed soils are permanently stabilized. 6/6/07	The area was seeded and mulched.
Dewatering	Dewatering activities were not observed during this week's inspection. 6/6/07	None. If dewatering needs to occur in the cross-country access, ensure that it is contained appropriately and filtered before released to adjacent areas. 6/6/07	NA
Spills and Material	Reserve spill cleanup	Continue to bring spill	NA

Areas of Inspection	Observation	Recommended Action	Corrected Action
Storage	<p>materials/kits were observed in the storage yard. 6/6/07</p> <p>The remaining pile of dust/ flowable fill material that was noted at vault #1 last week has sufficiently been removed. The unwashed gravel that was noted in the drainage swale last week has also been removed and placed upgradient of the haybale barrier. 6/6/07</p>	<p>kits to active work sites. 6/6/07</p> <p>None at this time. 6/6/07</p>	Area has been adequately restored.
Additional Observations	None 6/6/07	None 6/6/07	NA

Next likely scheduled inspection: Wednesday June 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



Both photos were taken near vault #1. Left: The remaining flowable fill has been adequately removed from the area. Right: Stone has been sufficiently removed from the swale and placed up gradient of the erosion control barrier.



Work is complete near sta. #1080. Exposed soils, especially those along the slope, should be stabilized as soon as feasible.



Exposed soil just outside of the lay-down yard fence has been temporarily stabilized with seed and hay mulch.