

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: January 23, 2007

Inspector: Katie Bednaz

Location: East Devon Substation to the Housatonic River Crossing

Rain Event: 0.13” of precipitation was recorded 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 #1052 to 1059. A stone entrance pad is in place at station 1053, where the paved way intersects the cross-country route. 1/16/07	None. Continue to maintain construction pads as necessary. 1/16/07	Not Applicable (NA)
	The sediment tracking observed on Naugatuck Ave (near station #1053) was swept. 1/23/07	Continue to sweep roadway regularly and improve the stone pad if necessary. 1/23/07	Roadway was swept.
	All catch basins that are downgradient of adjacent to construction activities have been protected. 1/23/07	Continue to monitor and maintain controls as necessary and keep up with sawcut slurry when it is produced. 1/23/07	NA
	A mixed aggregate base was backfilled over the completed trench near station #1058 to stabilize the existing access road. 1/23/07	None 1/23/07	The trench area was stabilized.
Shelland St (contractor yard)	Vehicles were diverted through the yard during vault #6 installation. The	Continue to monitor and maintain as necessary. Sweep roadway when	NA.

Areas of Inspection	Observation	Recommended Action	Corrected Action
	<p>stone access stone pad remains in place at the entrance of the yard. 1/23/07</p>	<p>necessary. 1/16/07</p>	
<p>Vault Openings and Trench Construction</p>	<p>Trenching activities continue between stations: #1049 to 1051, #1033 to 1035, and #1085 to 1087. 1/23/07</p> <p>Vault #6 installation activities were observed. 1/23/07</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. 1/23/07</p> <p>None. 1/23/07</p>	<p>Catch basins are protected.(Proactively)</p> <p>NA</p>
<p>Erosion and Sediment Controls</p>	<p>Filter fabric or filter socks are in place in catch basins adjacent to the construction activities. 1/23/07</p> <p>Any exposed soils have potential for airborne dust migration. Contractors are aware of the potential. 1/23/07</p> <p>Problems with dust were not observed this week. 1/23/07</p> <p>Slurry from saw cutting activities has the potential to enter catch basins. 1/23/07</p> <p>Silt fence was in place along both sides of the access road in the cross country section. One section near #1052 could use some maintenance 1/23/07</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. 1/23/07</p> <p>Prevent dust migration by regularly watering down exposed soils and sweeping immediately. If exposed soils are not to be worked within 14-21 days, they should be stabilized. 1/23/07</p> <p>None. 1/23/07</p> <p>Continue to prevent slurry from entering catch basins and sensitive areas, and protect nearby catch basins during cutting activities. 1/23/07</p> <p>Continue to monitor and maintain or adjust controls as necessary. 1/23/07</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 was installed.</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
Shelland St (contractor yard)	<p>Silt fence was installed along the trench between station #1049-1051 due to adjacent wetland areas but portions of the fence are not toed-in. 1/23/07</p> <p>Erosion controls remain around the entire perimeter of the contractor lay-down yard. Sediment issues were not observed. 1/23/07</p>	<p>Maintain or adjust controls as necessary so they are effective in protecting the adjacent areas. 1/23/07</p> <p>Continue to monitor. 1/23/07</p>	<p>Needs attention.</p> <p>NA</p>
Inland Wetland and Watercourse encroachment and mitigation	<p>Inland Wetland resource areas are located near station # 1053. 1/23/07</p> <p>Wetland flagging was also noted along the trenchwork between station #1049-51. Controls were in place but need improvement. 1/23/07</p>	<p>Monitor resource areas to ensure that non-permitted encroachment or impacts do not occur to resource areas. 1/23/07</p> <p>See erosion control section. 1/23/07</p>	<p>NA</p> <p>NA</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. Additional stone is in place throughout the yard to reduce mud and subsequent tracking. 1/23/07</p>	<p>None.</p>	<p>NA</p>
Soils	<p>Soils are exposed as part of the excavation for trench, vault, and utility work. 1/23/07</p>	<p>Continue to restore/temporarily stabilize exposed soils when feasible. Soils appear to be handled appropriately. 1/23/07</p>	<p>NA</p>
State species of concern, threatened and endangered species.	<p>According to the D&M plan, state-listed species are not located in this work area.</p>	<p>None</p>	<p>NA</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
Vegetative clearing (including trees to save or danger trees noted) or stabilization	No major vegetative clearing has been conducted to date. All work within the cross-country section is being conducted within the existing access road. 1/23/07	None. 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. 1/23/07	NA
Dewatering	Dewatering activities were being conducted near station #1035 during this week's inspection. Water was being pumped to a vac truck. 1/23/07	None. If dewatering needs to occur in the cross-country access, ensure that it is contained appropriately and filtered before released to adjacent areas. 1/23/07	NA
Blasting	No blasting has been proposed. 1/23/07	None 1/23/07	NA
Spills and Material Storage	Reserve spill cleanup materials/kits were observed in the storage yard. 1/23/07 An uncontained concrete washout was noted along the edge of the access road, away from trenching activities. 1/16-1/23/07	None 1/23/07 This concrete should be removed and disposed of properly. Remind drivers to continue to washout in designated locations. Temporary basins had been constructed in other locations. 1/16/07	NA Needs attention.
Additional Observations	None 01/23/07	None 01/23/07	NA

Next likely scheduled inspection: Tuesday January 30, 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 taken near station #1058. A mixed aggregate base was applied as cover on the trench to stabilize the existing access road



Photo of an uncontained concrete washout released along the access road near station #1055. The concrete should be removed and properly disposed of. Remind drivers to use appropriate locations.



The silt fence west of station #1052, immediately adjacent to construction entrance and resource area. Ensure that the fence is toed-in and provide maintenance as necessary.



Photo of Naugatuck Ave. which was swept and currently free of sediment.



Both photos are of trenching activities from station #1049 to 1051. Resource areas are located immediately adjacent to the trench (indicated by the wetland flagging). Silt fence is installed but was not toed-in and some materials are stored on the opposite side of the controls. Issues in the adjacent areas were not noted but repairs are needed.



Photograph of Vault #6 installation activities.



The Milford lay-down yard is being used to divert traffic around Vault #6 installation activities.