

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 16, 2007

Inspector: Katie Bednaz

Location: East Devon Substation to the Housatonic River Crossing

Rain Event: 0.41” 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)
	Some sediment tracking was observed on Naugatuck Ave (near station #1053) as a result of the work. 1/9-1/16/07	Sweep roadway regularly and improve the stone pad if necessary. 1/16/07	Needs regular attention.
	All catch basins that are downgradient of adjacent to construction activities have been protected. 1/16/07	Continue to monitor and maintain controls as necessary and keep up with sawcut slurry when it is produced. 1/16/07	NA
Shelland St. (contractor yard)	Street sweeping was observed at the time of inspection. The stone access stone pad remains in place at the entrance of the yard. 1/16/07	Continue to monitor and maintain as necessary. 1/16/07	Roadway was being swept.
Vault Openings and Trench Construction	Trenching activities continue between	Continue to monitor and be proactive. Continue to	Catch basins are protected.(Proactively)

Areas of Inspection	Observation	Recommended Action	Corrected Action
	stations: #1052 to 1059, 1033 to 1039, and 1087 to 1090. 1/16/07	mulch/ temporarily stabilize areas as they are completed. Continue to sweep roadways as soon as feasible. 1/16/07	
Erosion and Sediment Controls	<p>Filter fabric or filter socks are in place in catch basins adjacent to the construction activities. 1/16/07</p> <p>Any exposed soils have potential for airborne dust migration. Contractors are aware of the potential. 1/16/07</p> <p>Problems with dust were not observed this week. 1/16/07</p> <p>Slurry from saw cutting activities has the potential to enter catch basins. 1/16/07</p> <p>Silt fence was installed along both sides of the access road in the cross country section to protect adjacent wetland areas. 1/16/07</p> <p>Erosion controls remain around the entire perimeter of the contractor lay-down yard. Sediment issues were not observed. 1/16/07</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. 1/16/07</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. 1/16/07</p> <p>None. 1/16/07</p> <p>Prevent slurry from entering catch basins and sensitive areas, and protect nearby catch basins during cutting activities. 1/16/07</p> <p>Continue to monitor and maintain or adjust controls as necessary. 1/16/07</p> <p>Continue to monitor. 1/16/07</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> <p>NA.</p>
Shelland St (contractor yard)			
Inland Wetland and Watercourse encroachment and mitigation	Inland Wetland resource areas are located near station #1053. Silt fence is in place. 1/16/07	Monitor resource areas to ensure that non-permitted encroachment or impacts do not occur to resource areas. 1/16/07	NA

Areas of Inspection	Observation	Recommended Action	Corrected Action
Staging, Storage, and Parking Areas	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 has been added throughout the yard to reduce mud and subsequent tracking. 01/16/07	None. 1/16/07	NA
Soils	Soils are exposed as part of the excavation for trench, vault, and utility work. 01/16/07	Continue to restore/ temporarily stabilize exposed soils when feasible. 1/16/07	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	No major vegetative clearing has been conducted to date. All work in the cross-country section is being conducted within the existing access road. 1/16/07	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. 1/16/07	NA
Dewatering	Some water was noted seeping into the trench near station #1052 but dewatering activities were not being conducted at the time. 1/16/07	If dewatering needs to occur in the cross country route, ensure that it is contained appropriately and filtered before released to adjacent areas. 1/16/07	NA
Blasting	No blasting has been proposed. 1/16/07	None 1/16/07	NA
Spills and Material Storage	Reserve spill cleanup materials/kits were observed in the storage yard. 1/16/07 A small basin designated for concrete washout was constructed near station	None 1/16/07 Basins will be fairly temporary and "move" with the work. Upon	NA Basin was constructed (proactively).

Areas of Inspection	Observation	Recommended Action	Corrected Action
	<p>#1054.</p> <p>However, an uncontained concrete washout was noted along the edge of the access road, away from trenching activities. 1/16/07</p>	<p>closure, contractors will remove the washout and surrounding soil from the site to the O&G yard.</p> <p>This concrete should be removed and disposed of properly Remind drivers to continue to washout in designated locations. 1/16/07</p>	<p>Needs attention.</p>
<p>Additional Observations</p>	<p>None 01/16/07</p>	<p>None 01/16/07</p>	<p>NA</p>

Next likely scheduled inspection: **Tuesday January 23, 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*



Sediment is being tracked onto Nungateck Ave. from the cross-country roads. Sweep roadway as necessary, and prevent further tracking as feasible.



Photograph of trenching activities at station #1055. Water in the trench is not being pumped at this time.



Photograph of trenching activities from station # 1054 to 1050. A basin has been constructed to receive/contain concrete washout.



Erosion controls (silt fence) have been installed to protect wetland areas on either side of access road.



An uncontained concrete washout was noted along the ROW. This concrete should be removed and properly disposed of. Rental drivers to continue using designated, contained area.



Photograph of trenching activities from station #1033 to 1039. No issues were noted at the time of inspection.



Photo of street sweeping at the entrance to the Millfield lay-down yard. Minor sediment had been tracked onto the roadway.



Overview photo of the Millfield lay-down yard. No issues were noted at the time of inspection. Erosion controls remain at the perimeter of the yard.