

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 11, 2008

Inspector: Margaret Washburn

Location: East Devon Substation to the Housatonic River Crossing

Rain Event: 0.14" of precipitation was reported since the previous inspection, with 0.09" of the total recorded on 1/1. Rain was observed the day of inspection (Bridgeport, CT NOAA data).

Areas of Inspection	Observation	Recommended Action	Corrected Action
Access Roads and Adjacent Roadways	<p>The ROW between sta. #1051 to #1080 was stable. Stone construction entrance remains in place near #1051. This section of ROW appeared to be inactive. 1/11/08</p> <p>A crushed-stone berm for controlling sedimentation remains near the entrance to the contractor yard off of Shelland Street. Some turbidity was observed in a puddle in the road outside the yard entrance, but no tracking was noted. The yard has re-opened for use since the holiday break. 1/11/08</p>	<p>Continue to monitor and maintain the access and refresh stone as necessary. This responsibility should be coordinated with overhead contractors. 1/11/08</p> <p>Monitor area and sweep as needed. 1/11/08</p>	<p>Not Applicable (NA) (See 2B report for details).</p> <p>Provide regular attention.</p>
Vault Openings and Trench Construction	<p>Work has resumed adjacent to the East Devon Substation. Trenching activities were observed from sta. #1114-1117. 1/11/08</p>	<p>None at this time. 1/11/08</p>	<p>NA</p>
Erosion and Sediment Controls	<p>A crushed stone tracking pad was observed at the entrance to the East Devon yard. Heavy</p>	<p>Monitor and sweep roadway as needed. Temporarily stabilize any inactive, exposed soils in</p>	<p>Needs regular attention. (also see East Devon report).</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Milford lay-down yard</p>	<p>sediment tracking was observed on Plains Road outside the yard entrance. The adjacent catch basin had a silt sak in place but it needs to be cleaned. 1/11/08</p>	<p>a way that is sufficient for winter months. Coordinate with East Devon contractors for sediment control and tracking (See East Devon report). 1/11/08</p>	
	<p>Filter fabric or filter socks remain in catch basins that are down-gradient of/adjacent to remaining areas of exposed soil. 1/11/08</p>	<p>Continue to place a gutter buddy (or similar) in any catch basins with a curb/gutter drop inlet to prevent sediment from entering basin. 1/11/08</p>	<p>Catch basins were protected (proactively).</p>
	<p>Saw cutting slurry has the potential to enter catch basins. 1/11/08</p>	<p>Continue to prevent slurry from entering catch basins and sensitive areas, by quickly attending to it as it is generated. 1/1/08</p>	<p>Needs regular attention.</p>
	<p>Any exposed soils have potential for airborne dust migration. Contractors are aware of the potential. 1/11/08</p>	<p>Prevent dust migration by implementing dust control measures. If exposed soils are not to be worked within 30 days, they should be stabilized. 1/11/08</p>	<p>NA</p>
	<p>The soil on the slope near sta. #1049 (vault #3) which had been exposed (noted 7/5/07) remains temporarily stabilized with hard-pack and barrier controls (since 7/25/07). 1/11/08</p>	<p>Continue to monitor the area for run-off and erosion until it is permanently stabilized. 1/11/08</p>	<p>NA</p>
	<p>A paved berm remains at the top of the slope near sta. #1080 to proactively divert stormwater to a catch basin (noted 7/19/07). 1/11/08</p>	<p>Continue to monitor to ensure diverted stormwater does not affect neighboring properties. See vegetative clearing section for more details. 1/11/08</p>	<p>The slope needs final restoration. (Contractors will be working on a future plan)</p>
	<p>Stone berm and silt fence remain near the entrance to the yard. The area is partially vegetated and stable. A small section of silt fence is sagging but continues to function.</p>	<p>Monitor the effectiveness of existing controls. Remove accumulated sediment from the berm as necessary. When feasible, repair sagging sections of silt fence.</p>	<p>Needs attention when feasible.</p>

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	Some sections of silt fence along the south side of the yard are also sagging 10/25/07-1/11/08	10/25/07-1/11/08	
Inland Wetland and Watercourse encroachment and mitigation	Inland Wetland resource areas are located near station from #1012 to 1021, # 1051, and #1053. Stations #1117 to 1118 are located in a resource area. 1/11/08	Monitor resource areas to ensure that non-permitted encroachment or impacts do not occur. (Unavoidable, design wetland impacts at East Devon Sub were mitigated through off-site replication.) 1/11/08	NA
Staging, Storage, and Parking Areas	A contractor lay-down yard is located in Milford off of Shelland St. Stone is in place throughout the yard to reduce mud and subsequent tracking. Yard has become active again as work has shifted to this area once more. 1/11/08	See erosion control section and spills and material storage section for more details. Contain material within established storage area and limits of the yard. 1/11/08	NA
Soils	During active work, soils are exposed as part of the excavation for trench, vault, and utility work. 1/11/08	Soils appear to have been handled appropriately. Ensure any material stockpiles are contained. 1/11/08	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>Turf grass, hay mulch and the planted sapling remain at sta. #1049 (vault #3) in an effort to restore pre-construction conditions. 1/11/08</p> <p>The exposed soil along the slope near sta. #1080 has naturally vegetated (approximately 90% coverage). 1/11/08</p> <p>Some vegetation cover is in place over the exposed soils located outside of the Milford lay-down</p>	<p>Continue to monitor turf grass for viability and permanently stabilize the mulched area. See erosion control section for more details. 1/11/08</p> <p>Coordinate final restoration plans with the landowner. 1/11/08</p> <p>Continue to monitor until exposed soils are permanently stabilized. 1/11/08</p>	<p>NA at this time</p> <p>Final restoration needed.</p> <p>Continue to monitor.</p>

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	yard. The stone berm remains in place. 1/11/08		
Dewatering	Dewatering activities were not observed during this week's inspection. 1/11/08	None. If dewatering needs to occur, ensure that it is contained appropriately and filtered as per the D&M plan. 1/11/08	NA
Blasting	No blasting has been proposed. 1/11/08	None 1/11/08	NA
Spills and Material Storage	Reserve spill cleanup materials/kits were observed in the storage yard. 1/11/08 Material (gravel) was overtopping the established storage bins, beyond the perimeter controls of the yard. (noted since 4/25/07) 1/11/08	Continue to bring spill kits to active work sites. 1/11/08 Contractors stated the materials will be removed when the area is restored. 1/11/08	NA Needs attention when the yard is restored.
Additional Observations	Horizontal directional drilling crew have been working in the area near #1015 to #1020 (vault #1) at the approach to the Housatonic River. 1/11/08 The minor sediment accumulation along the shoulder of Caswell Street has returned (This tracking was determined not to be associated with this portion of the project). 12/31-1/11/08	Monitor area. See the waterway and railroad crossings underground report. Work on restoration of this area when activities cease. 1/11/08 Sediment appears to be related to the M/N overhead work. Responsibility for maintaining catch basin controls will need to be shifted to overhead crews. 11/15/07-1/11/08	NA at this time. Non-jurisdictional to this D&M plan. See the 2B report.

Next likely scheduled inspection:

Friday, January 18, 2008

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: Margaret Washburn, BSC Group

Reviewer: Diana Walden, BSC Group



Sediment remains upgradient of the catch basin on Caswell Street. However, this tracking does not appear to be associated with the Segment 3 work. (See the overhead 2B report for more information.)



Trench work has resumed near the East Devon substation, from station #1114-1117.