

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 18, 2008

Inspector: Margaret Washburn

Location: East Devon Substation to the Housatonic River Crossing

Rain Event: 1.08.” of precipitation was reported since the previous inspection, with 0.77” of the total recorded on 1/11 (Bridgeport, CT NOAA data).

Areas of Inspection	Observation	Recommended Action	Corrected Action
Access Roads and Adjacent Roadways	Naugatuck Avenue was closed due to trenching activities at stations #1031-1034. Steel plates were observed in the roadway. 1/18/08	Ensure any catch basins and inlets have controls in place. 1/18/08	NA
	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. 1/18/08	Continue to monitor and maintain the access and refresh stone as necessary. This responsibility should be coordinated with overhead contractors. 1/18/08	Not Applicable (NA) (See 2B report for details).
	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 is in active use. 1/18/08	Monitor area and sweep as needed. 1/18/08	Provide regular attention.
Vault Openings and Trench Construction	Work continues adjacent to/at the East Devon Substation. Trenching activities were observed from sta. #1114-1119.	None. 1/18/08	NA

Areas of Inspection	Observation	Recommended Action	Corrected Action
	<p>1/18/08</p> <p>Naugatuck Ave. was closed due to trenching activities at stations #1031-1034. Steel plates and open trench were observed in the roadway. 1/18/08</p>	<p>None. 1/18/08</p>	<p>NA</p>
<p>Erosion and Sediment Controls</p>	<p>A crushed stone tracking pad was observed at the entrance to the East Devon yard. Minor 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. 1/11-1/18/08</p> <p>Filter fabric or filter socks remain in catch basins that are down-gradient of/adjacent to remaining areas of exposed soil. 1/18/08</p> <p>Saw cutting slurry has the potential to enter catch basins. 1/18/08</p> <p>Any exposed soils have potential for airborne dust migration. Contractors are aware of the potential. 1/18/08</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). 1/18/08</p>	<p>Monitor and sweep roadway as needed. Temporarily stabilize any inactive, exposed soils in a way that is sufficient for winter months. Coordinate with East Devon contractors for sediment control and tracking (See East Devon report). 1/18/08</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. 1/18/08</p> <p>Continue to prevent slurry from entering catch basins and sensitive areas, by quickly attending to it as it is generated. 1/18/08</p> <p>Prevent dust migration by implementing dust control measures. If exposed soils are not to be worked within 21 days, they should be stabilized. 1/18/08</p> <p>Continue to monitor the area for run-off and erosion until it is permanently stabilized. 1/18/08</p>	<p>Needs regular attention. (also see East Devon report).</p> <p>Catch basins were protected (proactively).</p> <p>Needs regular attention.</p> <p>NA</p> <p>NA</p>

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Milford lay-down yard	<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). 1/18/08</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. Some sections of silt fence along the south side of the yard are also sagging 10/25/07-1/18/08</p>	<p>Continue to monitor to ensure diverted stormwater does not affect neighboring properties. See vegetative clearing section for more details. 1/18/08</p> <p>Monitor the effectiveness of existing controls. Remove accumulated sediment from the berm as necessary. When feasible, repair sagging sections of silt fence. 10/25/07-1/18/08</p>	<p>The slope needs final restoration. (Contractors will be working on a future plan)</p> <p>Needs attention when feasible.</p>
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. 1/18/08	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.). 1/18/08	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. 1/18/08	See erosion control section and spills and material storage section for more details. Contain material within established storage area and limits of the yard. 1/18/08	NA
Soils	During active work, soils are exposed as part of the excavation for trench, vault, and utility work. 1/18/08	Soils appear to have been handled appropriately. Ensure any material stockpiles are contained. 1/18/08	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	Turf grass, hay mulch and the planted sapling	Continue to monitor turf grass for viability and	NA at this time

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<p>or danger trees noted) or stabilization</p>	<p>remain at sta. #1049 (vault #3) in an effort to restore pre-construction conditions. 1/18/08</p> <p>The exposed soil along the slope near sta. #1080 has naturally vegetated (approximately 90% coverage). 1/18/08</p> <p>Some vegetation cover is in place over the exposed soils located outside of the Milford lay-down yard. The stone berm remains in place. 1/18/08</p>	<p>permanently stabilize the mulched area. See erosion control section for more details. 1/18/08</p> <p>Coordinate final restoration plans with the landowner. 1/18/08</p> <p>Continue to monitor until exposed soils are permanently stabilized. 1/18/08</p>	<p>Final restoration needed.</p> <p>Continue to monitor.</p>
<p>Dewatering</p>	<p>At stations #1031-1034 on Naugatuck Ave., water was being pumped from the trench into the empty vault for temporary storage. 1/18/08</p>	<p>None. If dewatering needs to occur, ensure that it is contained appropriately and filtered as per the D&M plan. 1/18/08</p>	<p>NA</p>
<p>Blasting</p>	<p>No blasting has been proposed. 1/18/08</p>	<p>None 1/18/08</p>	<p>NA</p>
<p>Spills and Material Storage</p>	<p>Reserve spill cleanup materials/kits were observed in the storage yard. 1/18/08</p> <p>Material (gravel) was overtopping the established storage bins, beyond the perimeter controls of the yard. (noted since 4/25/07) 1/18/08</p>	<p>Continue to bring spill kits to active work sites. 1/18/08</p> <p>Contractors stated the materials will be removed when the area is restored. 1/18/08</p>	<p>NA</p> <p>Needs attention when the yard is restored.</p>
<p>Additional Observations</p>	<p>Horizontal directional drilling crew have been working in the area near #1015 to #1020 (vault #1) at the approach to the Housatonic River. 1/18/08</p> <p>The minor sediment</p>	<p>Monitor area. See the waterway and railroad crossings underground report. Coordinate restoration of this area when activities cease. 1/18/08</p> <p>Sediment appears to be</p>	<p>NA at this time.</p> <p>Non-jurisdictional to</p>

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	accumulation along the shoulder of Caswell Street has returned (This tracking was determined not to be associated with this portion of the project). 12/31-1/18/08	related to the M/N overhead work. Responsibility for maintaining catch basin controls will need to be shifted to overhead crews. 11/15/07-1/18/08	this D&M plan. See the 2B report.

Next likely scheduled inspection: Thursday, January 24, 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



Trenching has resumed at stations #1031-1034 on Naugatuck Ave, which was closed to traffic. Water was being pumped into the empty vault for temporary storage.



Trenching continues adjacent to the East Devon substation, between sta#1114-1119. There are large areas of exposed soil present but site is largely contained.



On Caswell Street, accumulated sediment remains upgradient of the protected catch basin. However this tracking is not associated with the Segment 3 work. (See overhead report 2B).



Crushed stone has been used to stabilize exposed soil at the East Devon substation entrance. Minor sediment tracking was observed on Plains Road. A very large soil stockpile is located at the entrance but this is not associated with the Segment 3 work. (See the East Devon Substation report).