

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 31, 2008

Inspector: Gregory Sommer

Location: East Devon Substation to the Housatonic River Crossing

Rain Event: 0.07” of precipitation was reported since the previous inspection, all of which was recorded on 1/30 (Bridgeport, CT NOAA data).

Areas of Inspection	Observation	Recommended Action	Corrected Action
Access Roads and Adjacent Roadways	Overhead work on the project has been completed in the ROW between sta. #1051 to #1080 and crews are no longer accessing the area. A metal gate at the entrance to the ROW was closed and locked. Stone const. entrance remains in place near #1051 and #1080. 1/31/08	Continue to monitor ROW. Responsibility should be coordinated with overhead contractors. 1/31/08	Not Applicable (NA) - (See 2B report for details).
	Activities have returned to this segment and the Shelland Street lay-down yard is now active. A crushed-stone berm controlling sedimentation remains near the entrance to the yard and tracking was not an issue. 1/31/08	Continue to monitor area and sweep roadway as necessary. 1/31/08	NA
Vault Openings and Trench Construction	Crews were backfilling the trench near the termination point in the East Devon Substation. 1/31/08	None. 1/31/08	NA
	Portions of Naugatuck Avenue were closed due to trenching activities at stations #1032-1034.	None. 1/31/08	NA

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	1/31/08		
Erosion and Sediment Controls	<p>A crushed stone tracking pad was observed at the entrance to the East Devon yard. Sediment tracking was observed along Plains Road. The adjacent catch basin had a silt sack in place but it needs to be cleaned. 1/11-1/31/08</p> <p>Filter fabric or filter socks remain in catch basins that are down-gradient of/adjacent to remaining areas of exposed soil. 1/31/08</p> <p>Saw cutting slurry has the potential to enter catch basins. 1/31/08</p> <p>Any exposed soils have potential for airborne dust migration. Contractors are aware of the potential. 1/31/08</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). 1/31/08</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). 1/31/08</p>	<p>Continue to monitor and sweep roadway as necessary. Temporarily stabilize exposed soils in a way that is sufficient for winter months. Coordinate with East Devon contractors for catch basin maintenance. 1/31/08</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. 1/31/08</p> <p>Continue to prevent slurry from entering catch basins and sensitive areas, by quickly attending to it as it is generated. 1/31/08</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. 1/31/08</p> <p>Continue to monitor the area for run-off and erosion until it is permanently stabilized. 1/31/08</p> <p>Continue to monitor to ensure diverted stormwater does not affect neighboring properties. See vegetative clearing section for more details. 1/31/08</p>	<p>See East Devon report for details.</p> <p>Needs regular attention.</p> <p>Needs regular attention.</p> <p>NA</p> <p>NA</p> <p>The slope needs final restoration. (Contractors will be working on a future plan)</p>
Milford lay-down yard	Stone berm and silt fence	Monitor the effectiveness	Needs attention.

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	<p>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 10/25/07-1/31/08</p>	<p>of existing controls. Remove accumulated sediment from the berm as necessary. Repair sagging sections of silt fence. 10/25/07-1/31/08</p>	
<p>Inland Wetland and Watercourse encroachment and mitigation</p>	<p>Inland Wetland resource areas are located near sta. #1012 to 1021, # 1051, and #1053. Construction of the Devon Substation is displacing the existing resource area near sta. #1117 to #1118. 1/31/08</p>	<p>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.). 1/31/08</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. 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 again. 1/31/08</p>	<p>See Erosion Control and Spills and Material Storage sections for more details. Contain material within established storage area and limits of the yard. 1/31/08</p>	<p>NA</p>
<p>Soils</p>	<p>During active work, soils are exposed as part of the excavation for trench, vault, and utility work. 1/31/08</p>	<p>Soils appear to have been handled appropriately. Ensure any material stockpiles are contained. 1/31/08</p>	<p>NA</p>
<p>State species of concern, threatened and endangered species.</p>	<p>According to the D&M plan, state-listed species are not located in this work area</p>	<p>None.</p>	<p>NA</p>
<p>Vegetative clearing (including trees to save or danger trees noted) or stabilization</p>	<p>Turf grass, hay mulch and the planted sapling remain at sta. #1049 (vault #3) in an effort to restore pre-construction conditions. 1/31/08</p> <p>The exposed soil along the slope near sta. #1080 has naturally vegetated (approximately 90%</p>	<p>Continue to monitor turf grass for viability and permanently stabilize the mulched area. See erosion control section for more details. 1/31/08</p> <p>Coordinate final restoration plans with the landowner. 1/31/08</p>	<p>NA at this time</p> <p>Final restoration needed.</p>

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	<p>coverage). 1/31/08</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. 1/31/08</p>	<p>Continue to monitor until exposed soils are permanently stabilized. 1/31/08</p>	<p>Continue to monitor.</p>
<p>Dewatering</p>	<p>No dewatering was observed during this week's inspection. 1/31/08</p>	<p>None. If dewatering needs to occur, ensure that it is contained appropriately and filtered as per the D&M plan. 1/31/08</p>	<p>NA</p>
<p>Blasting</p>	<p>No blasting has been proposed. 1/31/08</p>	<p>None 1/31/08</p>	<p>NA</p>
<p>Spills and Material Storage</p>	<p>Reserve spill cleanup materials/kits were observed in the storage yard. 1/31/08</p> <p>Material (gravel) was overtopping the established storage bins, beyond the perimeter controls of the yard. (noted since 4/25/07) 1/31/08</p>	<p>Continue to bring spill kits to active work sites. 1/31/08</p> <p>Contractors stated the materials will be removed when the area is restored. 1/31/08</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. 1/31/08</p> <p>The minor sediment accumulation remains along the shoulder of Caswell Street. (This tracking was determined not to be associated with this portion of the project). 12/31-1/31/08</p> <p>Small (swept - up) piles of a fine, dusty material were previously observed near sta #1038 on Naugatuck</p>	<p>Monitor area. See the waterway and railroad crossings underground report. Coordinate restoration of this area when activities cease. 1/31/08</p> <p>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. 11/15/07-1/31/08</p> <p>None. 1/31/08</p>	<p>NA at this time.</p> <p>Non-jurisdictional to this D&M plan. See the 2B report.</p> <p>Roadway appears swept and dust piles were removed.</p>

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	<p>Ave. (1/24) It was unclear whether the material was project-related. The piles have since been removed and dust was no longer present on the adjacent driveway. 1/31/08</p>		

Next likely scheduled inspection: Thursday, February 7, 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: Gregory Sommer, BSC Group

Reviewer: Diana Walden, BSC Group



Trenching and backfill work continues near sta. #1120 near the East Devon substation, which is currently under construction.