

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: May 8, 2008

Inspector: Gregory Sommer

Location: East Devon Substation to the Housatonic River Crossing

Rain Event: 0.27" of precipitation was reported since the previous inspection, with 0.20" recorded on 5/2(Bridgeport, CT NOAA data).

Areas of Inspection	Observation	Recommended Action	Corrected Action
Access Roads and Adjacent Roadways	The crushed-stone berm controlling sedimentation near the entrance to the Shelland Street lay-down yard has been refreshed with additional stone. Accumulated sediment has also been removed. 5/8/08	Continue to monitor area and sweep roadway as necessary. Remove accumulated sediment from behind the stone berm as necessary. 5/1/08	Accumulated sediment has been removed and the berm has been refreshed with crushed stone.
Vault Openings and Trench Construction	Portions of Naugatuck Avenue were closed due to trenching and backfilling activities at sta. #1030-1032. 5/8/08	None. 5/8/08	Not applicable (NA)
	Area near sta. #1015-1016 has been excavated to correct the conduits that were inadvertently crossed during tie-in work. 5/8/08	None. See erosion control section. 5/8/08	NA
Erosion and Sediment Controls	Filter fabric or filter socks remain in catch basins that are down-gradient of/adjacent to remaining areas of exposed soil. 5/8/08	Continue to place a gutter buddy (or similar) in any catch basins with a curb/gutter drop inlet to prevent sediment from entering basin. 5/8/08	Needs regular attention.
	Saw cutting slurry has the potential to enter catch basins. 5/8/08	Continue to prevent slurry from entering catch basins and sensitive areas,	Needs regular attention.

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<p>Milford lay-down yard</p>	<p>Any exposed soils have potential for airborne dust migration. Contractors are aware of the potential. Dust migration issues were not observed during this week's inspection. 5/8/08</p>	<p>by quickly attending to it as it is generated. 5/8/08</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. 5/8/08</p>	<p>Dust issues were not observed.</p>
	<p>Hay bales remain along the edge of the work zone near sta. #1015-1020 to protect the adjacent resource area. A small channel has formed in one area and it remains lined with crushed stone. 5/8/08</p>	<p>Continue to monitor the area and refresh/ adjust erosion controls as necessary. Determine if the new stone solution will be effective for controlling run-off 5/8/08</p>	<p>NA at this time – Continue to monitor</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). 5/8/08</p>	<p>Continue to monitor the area for run-off and erosion until it is permanently stabilized. 5/8/08</p>	<p>The slope needs final restoration. (Contractors will be working on a future plan)</p>
	<p>Hay bales remain in place along the bank of the Housatonic River and run-off was noted pooling against them last week. 5/8/08</p>	<p>Continue to monitor the area. Work to establish original cover (pavement or vegetation) on exposed surfaces. 5/8/08</p>	<p>NA at this time- Continue to monitor</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). 5/8/08</p>	<p>Continue to monitor to ensure diverted storm-water does not affect neighboring properties. See vegetative clearing section for more details. 5/8/08</p>	<p>Continue to monitor.</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. Repair sagging sections of silt fence. 5/8/08</p>	<p>Accumulated sediment has been removed and the berm has been refreshed with crushed stone.</p>

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	<p>Accumulated sediment has been removed and the berm has been refreshed with crushed stone. 5/8/08</p> <p>A stone construction entrance is in place at the entrance to the Shelland Street yard. 5/8/08</p>	<p>Continue to monitor for tracking. 5/8/08</p>	<p>NA</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. 5/8/08</p>	<p>Monitor resource areas to ensure that non-permitted encroachment or impacts do not occur. 5/8/08</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. 5/8/08</p> <p>A sizable amount of stockpiled material has overtopped the concrete storage bins and spilled onto the adjacent silt fence. Contractor has stated they plan to remove the material prior to final restoration (since 3/6). Material has been removed from behind one of the bins, but remains in other areas. 5/8/08</p>	<p>See Erosion Control and Spills and Material Storage sections for more details. 5/8/08</p> <p>Contain material within established storage area and limits of the yard. Consider removing the remainder of the material that has been pushed beyond the limits of the yard now, rather than during final restoration. 3/6-5/8/08</p>	<p>NA</p> <p>Material has been removed from behind one of the bins. Other bins need additional attention.</p>
<p>Soils</p>	<p>During active work, soils are exposed as part of the excavation for trench, vault, and utility work. 5/8/08</p>	<p>Soils appear to have been handled appropriately. Ensure any material stockpiles are contained. 5/8/08</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. 5/8/08</p>	<p>None. 5/8/08</p>	<p>NA</p>
<p>Vegetative clearing (including trees to save)</p>	<p>Turf grass, hay mulch and the planted sapling</p>	<p>Continue to monitor turf grass for viability and</p>	<p>NA at this time</p>

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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. 5/8/08</p> <p>The exposed soil along the slope near sta. #1080 has naturally vegetated (approximately 90% coverage). 5/8/08</p> <p>Some vegetative cover is in place over the exposed soils located outside of the Milford lay-down yard. The stone berm remains in place. 5/8/08</p>	<p>permanently stabilize the mulched area. See erosion control section for more details. 5/8/08</p> <p>Coordinate final restoration plans with the landowner. 5/8/08</p> <p>Continue to monitor until exposed soils are permanently stabilized. 5/8/08</p>	<p>Final restoration needed.</p> <p>Continue to monitor.</p>
<p>Dewatering</p>	<p>An extensive dewatering system remains near sta #1015-1020. Several frac tanks are on site, as a large volume of water had been anticipated and corrective work needs to occur: 5/8/08</p> <p>Dewatering was ongoing near sta. #1030. The water was being appropriately filtered and discharged to the sanitary sewer: 5/8/08</p>	<p>None. If dewatering needs to occur, ensure that it is contained appropriately and filtered as per the D&M plan. 5/8/08</p> <p>None. Dewatering appear to be contained appropriately and filtered as per the D&M plan. 5/8/08</p>	<p>NA</p> <p>NA</p>
<p>Blasting</p>	<p>No blasting has been proposed. 5/8/08</p>	<p>None 5/8/08</p>	<p>NA</p>
<p>Spills and Material Storage</p>	<p>Reserve spill cleanup materials/kits were observed in the storage yard. 5/8/08</p> <p>Stockpiled materials are overtopping the established storage bins, beyond the perimeter controls of the yard. (noted since 4/25/07) The amount of material has increased (since 3/6/08). Material has been removed from behind one of the bins, but</p>	<p>Continue to bring spill kits to active work sites. 5/8/08</p> <p>Previously, contractors stated the materials will be removed when the area is restored. However, due to the increase in amount of material, consider removing the material beyond the yard limits sooner rather than waiting until yard restoration. 3/6-5/8/08</p>	<p>NA</p> <p>Material has been removed from behind one of the bins. Other bins need additional attention.</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
	remains in other areas. 5/8/08		
Additional Observations	New curbing has been installed near sta #999 over the previously unpaved area. This completes restoration efforts in this area. 5/8/08	None. 5/8/08	Area is at final restoration.

Next likely scheduled inspection: Thursday May 15, 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



Curbing has been installed on the west side of the Housatonic River near sta. #999. Final restoration efforts are now complete on this side of the river.



Excavation work is underway near sta. #1015 to correct the conduits which were previously crossed during tie-in work. Continue to sweep residual sediment from adjacent pavement.



The stone berm near the entrance to the Shelland St lay down yard has been refreshed with additional crushed stone and the accumulated sediment has been removed.



Some of the stockpiled material that had overtopped the storage bin has been removed. Additional stockpiles still need attention.