

**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 4a Underground Line**

**Date:** October 10, 2008

**Inspector:** Gregory Sommer

**Location:** Singer Substation to Fairfield/Westport Town Line

**Rain Event:** 0.25" of precipitation was reported since the previous inspection, with the largest events of 0.15" and 0.10" recorded on 10/5 and 10/9 respectively (Bridgeport, CT NOAA data).

<b>Areas of Inspection</b>	<b>Observation</b>	<b>Recommended Action</b>	<b>Corrected Action</b>
<b>Access Roads and Adjacent Roadways</b>	All work is within or adjacent to existing paved roadways at this time. 10/10/08	See erosion control section for details on sediment tracking. 10/10/08	Not Applicable (NA)
<b>Vault Openings and Trench Construction</b>	Restoration efforts were observed at sta #463, #478, #502-503, #550, #649, and vault #28. 10/10/08  Electrical contractor was on site at vault #48. 10/10/08	Continue to monitor areas. Mulch/ temporarily stabilize areas as they are completed. Continue to sweep roadways as soon as feasible. 10/10/08  None. 10/10/08	Needs regular attention.  NA
<b>Erosion and Sediment Controls All active areas</b>	Controls were removed from catch basins on state routes per the request of ConnDOT to improve drainage during winter conditions. Contractor plans to discontinue use of controls for the duration of the project and clean basins as necessary. 10/10/08  Any exposed soils have potential for airborne dust	Since controls are no longer in place in the catch basins, attend to all sediment at the source and stabilize exposed soils as quickly as possible. CB controls should still be considered when work is adjacent. Clean catch basins as necessary. 10/10/08  Prevent dust migration by regularly watering down	Needs regular attention.  NA

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<b>Fairfield</b>	<p>migration. Contractors are aware of the potential. 10/10/08</p> <p>Temporary pavement and bituminous and/or crushed stone curbing near sta. #462-464 has been partially restored. Topsoil was being spread in this area at the time of the inspection. 10/10/08</p> <p>Exposed soil remains along the base of the sloped area near the bridge abutment at sta. #465. Silt fence is starting to deteriorate. 8/14-10/10/08</p>	<p>exposed soils and sweeping immediately. If exposed soils are not to be worked within 21 days, they should be stabilized within 7 days of the last activity. 10/10/08</p> <p>Sweep roadways as necessary to minimize tracking. Ensure the exposed soil is properly seeded and mulched for permanent stabilization. 10/10/08</p> <p>Continue to monitor the area. Provide final stabilization. Clean the catch basin due to observed run-off from previous weeks. 8/14-10/10/08</p>	<p>Final stabilization needed.</p> <p>The silt fence needs repair and the catch basin also needs attention.</p>
<b>Bridgeport</b>	<p>The work area near the intersection of Railroad Ave and Fairfield Ave (sta. #719-720) has been temporarily paved. Concrete barrier curbs have been placed in the area and construction equipment is on-site. This work does not appear to be project related. 10/10/08</p> <p>Some ruts were observed along the shoulder of Railroad Ave between Hancock Ave. and Howard Ave. (sta. #737) likely due to regular traffic, not construction vehicles. This area remains backfilled with hard-pack but may need to be refreshed. 2/7-10/10/08</p>	<p>Continue to monitor and provide final cover/restoration as soon as feasible. Clean the catch basin to remove sediment from past weeks. 9/12-10/10/08</p> <p>Refresh/add gravel or hard-pack along the shoulders of the roadway in this area to reduce the potential for rutting and tracking. Continue to monitor so crews can address specific problem areas as they arise. 1/31-10/10/08</p>	<p>Catch basin needs additional attention and area needs restoration.</p> <p><i>The city of Bridgeport is concerned about the condition here and crews were being requested to evaluate this area.</i></p> <p>Needs regular attention.</p>
<b>Kings Highway Lay-down Yard (Off Kings Highway, near Rt. 1</b>	<p>Perimeter controls around the yard were starting to deteriorate in</p>	<p>Continue to monitor and maintain controls as necessary. Maintain</p>	<p>Perimeter silt fence needs attention in some areas.</p>

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rotary)	places (since 9/12). Crushed stone remains throughout the yard to reduce tracking. Sediment tracking and dust migration issues were not observed at the time of the inspection. Equipment was being demobilized from the yard as work is nearing completion. 10/10/08.	crushed stone throughout the yard to reduce the potential for tracking dust migration, and limit the amount of material piled near controls. Apply water over the surface of the yard as necessary to control dust migration. 10/10/08	
Inland Wetland and Watercourse encroachment and mitigation	The Kings Highway lay-down yard is located adjacent to potential resource areas and a concrete lined waterway. 10/10/08	See Erosion and Sediment Controls section. 10/10/08	NA
Staging, Storage, and Parking Areas	A contractor lay-down yard is located off of Kings Highway near the Rt. 1 rotary. This is being used for both 4a and 4b activities. Reserve spill kits are located near the equipment trailers. 10/10/08	See Erosion and Sediment Controls section for more information. Watch encroachment of materials beyond the perimeter controls in the yard. 10/10/08	NA
Soils	<p>Soils are exposed as part of the excavation for trench, vault, and utility work. 10/10/08</p> <p>An area of exposed soil near sta. #596 (vault #36) continues to naturally vegetate near the new sidewalk and parking lot and appears stable. 10/10/08</p> <p>An area of exposed soil is adjacent to the work zone near sta. #649-650 (for several months). Sediment tracking was not observed this week. A temporary sidewalk is in place. 10/10/08</p>	<p>Most areas are temporarily stabilized. Soils appear to be handled appropriately. 10/10/08</p> <p>Grass cover appears to be reaching 70%. 10/10/08</p> <p>Work is complete in this area. Stabilize and seed or provide final surfacing at the area as soon as feasible. 10/10/08</p>	<p>NA</p> <p>Grass cover continues to grow.</p> <p>Needs attention/ final restoration.</p>

<b>Areas of Inspection</b>	<b>Observation</b>	<b>Recommended Action</b>	<b>Corrected Action</b>
<b>State species of concern, threatened and endangered species.</b>	<b>According to the D&amp;M plan, state-listed species are not located in this work area. 10/10/08</b>	<b>None. 10/10/08</b>	<b>NA</b>
<b>Vegetative clearing (including trees to save or danger trees noted) or stabilization</b>	<b>Two trees were removed near sta. #462 in accordance with the D&amp;M Plan (3/27/07). One tree was removed near vault #42 (7/25/07). 10/10/08</b>  <b>Work also needs to continue to restore median plantings along Post Rd. 10/10/08</b>	<b>Vegetation should be restored as necessary upon completion of work in these areas. 10/10/08</b>  <b>Restore areas when feasible. 10/10/08</b>	<b>NA</b>  <b>Median work was underway</b>
<b>Dewatering</b>	<b>Dewatering was not observed during this week's inspection. 10/10/08</b>	<b>In general, ensure water is not turbid and discharge clean stormwater directly to catch basins. 10/10/08</b>	<b>NA</b>
<b>Spills and Material Storage</b>	<b>Spill cleanup materials/kits were observed in the storage yards. 10/10/08</b>	<b>Ensure that spill kits are also present with each vehicle during active construction 10/10/08</b>	<b>NA</b>
<b>Additional Observations</b>	<b>Various sections of brick paver medians were being restored along Fairfield Ave. Multiple segments of the roadway have also been milled in preparation for paving. 10/10/08</b>	<b>None. 10/10/08</b>	<b>NA</b>

**Next likely scheduled inspection:** Thursday, October 16, 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



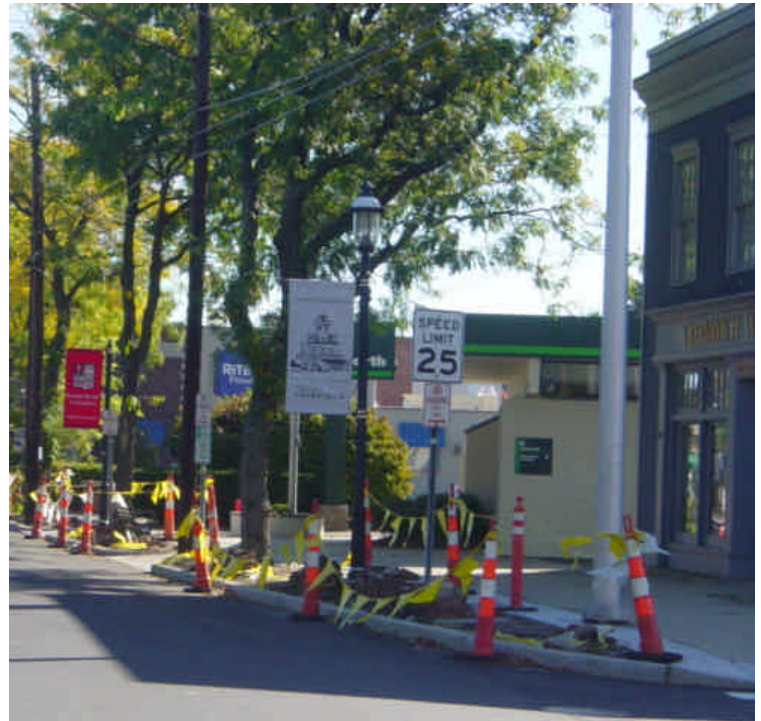
Topsoil has been spread near sta. #463. Ensure the area is properly seeded and mulched to reduce potential for erosion.



Various portions of Old Post Road have been milled in preparation for final restoration.



Restoration efforts are underway near vault #28. Ensure topsoil is properly seeded and mulched to reduce potential for erosion.



Sidewalk and brick paver restoration was observed in various locations along Fairfield Ave.