

**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:** April 10, 2008

**Inspector:** Gregory Sommer

**Location:** Westport Avenue to the Norwalk Substation in the City of Norwalk

**Rain Event:** 0.85” of precipitation was reported since the previous inspection with 0.27” recorded on 4/4 (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>	<b>All work is within or adjacent to existing paved roadways at this time. 4/10/08</b>	<b>See erosion control section for details on sediment tracking. 4/10/08</b>	<b>Not Applicable (NA)</b>
<b>Vault Openings and Trench Construction</b>	<b>Construction activities and/or steel road plates were observed at the time of the inspection near sta. #443-444, #455-457, #481-482, #664, #716-718, &amp; #719-720. 4/10/08</b>  <b>Electrical contractors were working at vaults #45 &amp; #46. 4/10/08</b>	<b>Continue to monitor areas. Mulch/ temporarily stabilize areas as they are completed. Continue to sweep roadways as soon as feasible. 4/10/08</b>  <b>None. 4/10/08</b>	<b>Needs regular attention.</b>  <b>NA</b>
<b>Erosion and Sediment Controls</b> <b>All active areas</b>	<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. 4/10/08</b>  <b>Slurry from saw cutting activities has the potential</b>	<b>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. Clean catch basins as necessary. 4/10/08</b>  <b>Prevent slurry from entering catch basins and sensitive</b>	<b>Needs regular attention.</b>  <b>No issues noted but needs regular</b>

Areas of Inspection	Observation	Recommended Action	Corrected Action
<b>Fairfield</b>	<p>to enter catch basins. 4/10/08</p> <p>Any exposed soils have potential for airborne dust migration. Contractors are aware of the potential. 4/10/08</p> <p>The area near sta. # 462-464 was temporarily stabilized with processed material. Crushed stone remains in place to form temporary curbs. 4/10/08</p> <p>Silt fence remains in place along the curb line near sta. #495 in the median area. Even though minor ruts were regraded, large area of soil still remains exposed. 4/10/08</p> <p>Stone wall was has been reconstructed at sta. #503-504. Hay mulch has been applied to stabilize the exposed soil. Temporary curbing remains in place. 4/10/08</p>	<p>areas by quickly attending to it as it is generated during cutting. 4/10/08</p> <p>Prevent dust migration by regularly watering down 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. 4/10/08</p> <p>Continue to monitor the area. Sweep roadways as necessary to minimize tracking. 4/10/08</p> <p>Either temporarily stabilize or permanently restore the exposed soils within the appropriate timelines (since 3/20). Sweep the curb area if needed. 4/10/08</p> <p>Ensure soils are contained to the work area and monitor for final stabilization. Sweep along the curbing as necessary to minimize tracking. 4/10/08</p>	<p>attention.</p> <p>NA</p> <p>NA at this time.</p> <p>Additional work is needed to stabilize exposed soils.</p> <p>Mulch was applied to soils.</p>
<b>Bridgeport</b>	<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. 2/7-4/10/08</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. 1/31-4/10/08</p>	<p>Needs attention. Continue to monitor.</p> <p><i>The city of Bridgeport is concerned about the condition here and crews were being requested to evaluate this area.</i></p>
<b>Kings Highway Lay-down Yard (Off Kings Highway, near Rt. 1</b>	<p>Crushed stone remains in several areas throughout the yard to reduce</p>	<p>Continue to maintain controls and sweep the roadway as necessary.</p>	<p>NA at this time.</p>

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rotary)	<p>tracking. Minor sediment tracking was observed. 4/10/08</p> <p>Perimeter controls remain in place but some sections need repair. 3/20-4/10/08</p>	<p>4/10/08</p> <p>Controls need maintenance. 3/20-4/10/08</p>	<p>Needs attention</p>
<p><b>Inland Wetland and Watercourse encroachment and mitigation</b></p>	<p>The Kings Highway lay-down yard is located adjacent to potential resource areas and a concrete lined waterway. 4/10/08</p> <p>Crushed stone has been placed along a drainage swale near sta. #480. A minor amount of stone has been inadvertently placed past the controls and into the adjacent channel. 4/3-4/10/08</p>	<p>See Erosion and Sediment Controls section. 4/10/08</p> <p>Carefully (by hand) remove crushed stone that has been inadvertently placed in the adjacent channel. 4/3-4/10/08</p>	<p>NA</p> <p>Needs attention.</p>
<p><b>Staging, Storage, and Parking Areas</b></p>	<p>A contractor lay-down yard is located off of Kings Highway near the Rt. 1 rotary. Reserve spill kits are located near the equipment trailers. Debris material and old railroad ties, which have been stored within the yard, are being sorted and processed for disposal. 4/3-4/10/08</p>	<p>See Erosion Control and Spills and Material Storage sections. 4/10/08</p>	<p>NA</p>
<p><b>Soils</b></p>	<p>Soils are exposed as part of the excavation for trench, vault, and utility work. 4/10/08</p> <p>Exposed soil along the median near Rt. 1 Pequot Ave. The topsoil has been spread and the area restored. The exposed soil still needs to be stabilized. Silt fence remains along curb line on down-gradient side of the median. 3/20-4/10/08</p>	<p>Most areas are temporarily stabilized. Soils appear to be handled appropriately. 4/10/08</p> <p>Continue to monitor the area. Stabilize the exposed soils within the appropriate timelines 3/20-4/10/08</p>	<p>NA</p> <p>Exposed soil needs attention</p>

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	<p>An area of exposed soil remains near sta. #596 (vault #36) near the new sidewalk and parking lot. A vehicle recently drove through the area leaving minor ruts and tracking a minor amount of material into the parking lot. 3/13-4/10/08</p> <p>An area of exposed soil is adjacent to the work zone near sta. #649-650. Sediment tracking was not observed this week. A temporary sidewalk is in place. 4/10/08</p>	<p>Re-grade and appropriately stabilize the area for winter months. Install construction fencing or other barrier if problem persists. 3/13-4/10/08</p> <p>Work is complete in this area. Stabilize and seed the area when feasible. 4/10/08</p>	<p>Needs attention when feasible.</p> <p>Continue to monitor.</p>
<p>State species of concern, threatened and endangered species.</p>	<p>According to the D&amp;M plan, state-listed species are not located in this work area. 4/10/08</p>	<p>None. 4/10/08</p>	<p>NA</p>
<p>Vegetative clearing (including trees to save or danger trees noted) or stabilization</p>	<p>Some portions of the trench work along Pequot Ave. remain un-vegetated but stable. 4/10/08</p> <p>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). 4/10/08</p> <p>A stone wall, a fence and some shrubs had been removed from the work area at sta #503 per the D&amp;M plan. The stone wall has been rebuilt. 4/10/08</p>	<p>Permanently stabilize remaining exposed areas when feasible. 4/10/08</p> <p>Vegetation should be restored as necessary upon completion of work in these areas. 4/10/08</p> <p>Continue to restore per the D&amp;M plan, including plantings if appropriate. 4/10/08</p>	<p>NA</p> <p>NA</p> <p>NA</p>
<p>Dewatering</p>	<p>Dewatering was not observed during this week's inspection. 4/10/08</p>	<p>Continue to properly contain and/or filter discharge water when dewatering is required. 4/10/08</p>	<p>NA</p>
<p>Spills and Material Storage</p>	<p>Spill cleanup materials/kits were</p>	<p>Ensure that spill kits are also present with each</p>	<p>NA</p>

<b>Areas of Inspection</b>	<b>Observation</b>	<b>Recommended Action</b>	<b>Corrected Action</b>
	<b>observed in the storage yards. 4/10/08</b>	<b>vehicle during active construction 4/10/08</b>	
<b>Additional Observations</b>	<b>None. 4/10/08</b>	<b>None. 4/10/08</b>	<b>NA</b>

**Next likely scheduled inspection:** Thursday April 17, 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 work continues near sta. #480-482.**



**The stone wall has been reconstructed near sta. #503. Hay mulch has been applied to stabilize the areas of exposed soil.**



**Trenching and backfilling work continue near sta. #719-720 along Railroad Ave. Accumulated sediment was observed near the stone wall but may not be related to the construction activities. Sweep as needed.**

