

**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 4b Underground Line**

**Date:** November 15, 2006

**Inspector:** Lennox Keen

**Location:** Fairfield/Westport Town Line to Westport Avenue in Norwalk

**Rain Event:** Approximately 0.89” of rain were recorded in Bridgeport, CT since the last inspection (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.	See erosion control section.	NA
<b>Vault Openings and Trench Construction Westport</b>	Trenching activities continue on Rt. 1 from Buckley Ave. to Westfair Dr. 11/15/06	See erosion control section. 11/15/06	Most catch basins are protected (proactively).
	Trenching activities continue from Cedar Rd. to east of Wakenor Rd. 11/15/06	None. 11/15/06	Catch basins are protected (proactively).
<b>Erosion and Sediment Controls Westport</b>	Filter fabric or filter socks are installed in catch basins adjacent to most of the construction activities. 11/15/06	Continue place a gutter buddy (or similar) in any catch basins with a curb/gutter drop inlet to prevent sediment from entering basin. 11/15/06	Catch basins were protected.(Proactively)
	Catch basin located downgradient of construction activities at the intersection of Rt. 1 and Buckley Ave. is unprotected. 11/15/06	Protect catch basin from sediment. 11/15/06	Needs attention.

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p><b>Kings Highway Lay-down Yard (Off Kings Highway, near Rt. 1 rotary in Fairfield) –</b></p> <p><b>(Currently being used for Segment 4a and 4b operations.)</b></p>	<p><b>Concrete washout basin was removed. Sweeper washout water is still being retained. 11/15/06</b></p> <p><b>Minor sediment tracking was observed on the roadway from the yard. 11/15/06</b></p> <p>Some of the perimeter silt fence is not at its full height (stormwater run-off was almost able to overtop), and a small gap was noted along the fence near the resource area. 11/15/06</p>	<p><b>Continue to contain washout area as necessary. 11/15/06</b></p> <p><b>Sediment in roadway should be swept. Continue to work on containing sediment to the yard. 11/15/06</b></p> <p><b>Maintain the integrity and stability of the perimeter controls in the yards. 11/15/06</b></p>	<p><b>Basin has been removed.</b></p> <p><b>Needs attention. (The yard is also covered in the 4a report)</b></p> <p><b>Needs attention (The yard is also covered in the 4a report)</b></p>
<p><b>Inland Wetland and Watercourse encroachment and mitigation</b></p>	<p><b>The Kings Highway lay-down yard is located adjacent to potential resource areas and a concrete lined waterway. 11/15/06</b></p>	<p><b>See erosion control section. 11/15/06</b></p>	<p>NA</p>
<p><b>Staging Storage, and Parking Areas</b></p>	<p><b>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. 11/15/06</b></p>	<p><b>See erosion control section. 11/15/06</b></p>	<p>NA</p>
<p><b>Soils</b></p>	<p><b>Soils are exposed as part of the excavation for trench, vault, and utility work. 11/15/06</b></p> <p><b>Soils were being contained, tagged and transported appropriately. 11/15/06</b></p>	<p><b>All exposed soils are located within the trench located within the paved roadway. No stabilization required at this time. 11/15/06</b></p> <p><b>Continue to monitor. 11/15/06</b></p>	<p>NA</p> <p>NA</p>
<p><b>State species of concern, threatened and endangered species.</b></p>	<p><b>According to the D&amp;M plan, state-listed species are not located in this work area. 11/15/06</b></p>	<p><b>None 11/15/06</b></p>	<p>NA</p>
<p><b>Vegetative clearing (including trees to save or danger trees noted)</b></p>	<p><b>No vegetative clearing has been conducted to date. All work is located within</b></p>	<p><b>None 11/15/06</b></p>	<p>NA</p>

<b>Areas of Inspection</b>	<b>Observation</b>	<b>Recommended Action</b>	<b>Corrected Action</b>
<b>or stabilization</b>	<b>paved areas. 11/15/06</b>		
<b>Dewatering</b>	<b>No dewatering activities were noted at the time of inspection. 11/15/06</b>	<b>None. 11/15/06</b>	<b>NA</b>
<b>Blasting</b>	<b>No blasting has been proposed. 11/15/06</b>	<b>None 11/15/06</b>	<b>NA</b>
<b>Spills and Material Storage</b>	<p><b>All equipment attachments were stored in the King's Highway laydown yard at the time of the inspection. The attachment containment area located along the western boundary of the yard did not appear fully enclosed. 11/08-11/15/06</b></p> <p><b>A pile of asphalt material was stored at the Kings Highway yard. Runoff from the pile had a sheen and was pooling at the controls adjacent to the resource area. 11/15/06</b></p>	<p><b>Continue to improve and enclose the containment area. 11/08-11/15/06</b></p> <p><b>Contain all run-off and consider placing a tarp over this pile to reduce exposure. 11/15/06</b></p>	<p><b>Needs attention when feasible.</b></p> <p><b>Needs attention</b></p>
<b>Additional Observations</b>	<b>None 11/15/06</b>	<b>None 11/15/06</b>	<b>NA</b>

**Next likely scheduled inspection:** Monday November 20, 2006

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:** Lennox Keen, BSC Group

**Reviewer:** Diana Walden and Katie Bednaz, BSC Group



**Photo of catch basin located near the intersection of Rt. 1 and Cedar St. with controls in place**



**Photograph of an unprotected catch located downgradient of construction activities on Rt. 1 at the intersection with Buckley Ave.**



**Material pile within the Kings Highway Laydown yard that is in close proximity to the adjacent resource area. Runoff from the pile contains a sheen and was collecting against the controls.**



**Entrance to the Kings Highway Laydown Yard. Some minor sediment tracking from the yard was noted on the roadway. This yard is also covered by the 4a report.**



**Photo of area**

**used in the King's Highway Laydown Yard for collecting concrete washout water.  
It does not appear that the area is lined.**

**being**



**Location of**

**concrete washout basin. The area is still used for sweeper washout water.  
Again, this yard is also covered in the 4a report**

**former**