

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: April 13, 2007

Inspector: Katie Bednaz

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

Rain Event: Total of 1.91" of precipitation was reported since the previous inspection with 1.08" of the total recorded on 4/12. (Bridgeport, CT NOAA data)

Areas of Inspection	Observation	Recommended Action	Corrected Action
Access Roads and Adjacent Roadways	All work is within existing paved roadways at this time. 4/13/07	None. 4/13/07	NA (Not applicable)
Vault Openings and Trench Construction Westport	Construction trenching activities were occurring at sta. #188 to #191, #220 to #221, #268 to #271, #316 to #317, #411 to #413, #205, and #259. 4/13/07	See Erosion and Sediment Control sections of this report for additional details. 4/13/07	NA
	Construction activities are complete at vaults #18, #20 and #23. 4/13/07	None. 4/13/07	NA
	Construction activities have started at vault #22. 4/13/07	None. 4/13/07	NA
Erosion and Sediment Controls Westport	Filter fabric or filter socks have been placed in most catch basins that are down-gradient of/adjacent to construction activities. 4/13/07	Continue to place a gutter buddy (or similar) in any catch basins with a curb/gutter drop inlet to prevent sediment from entering basin. Install controls where necessary. 4/13/07	Catch basins were protected.(Proactively) Additional attention needed in some locations.
	On 4/3/07, two of the	Install controls in any	Work is complete in

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<p>Kings Highway Lay-down Yard (Fairfield)            (Currently being used for Segment 4a and 4b operations.)</p>	<p>three catch basin inlets near Sta #407 had liners but the third still needed controls. However, work in this area is complete and sediment controls are no longer required.            4/13/07</p>	<p>catch basins where slurry or run-off from the project can enter. 4/3/07</p>	<p>the area, controls no longer required.</p>
	<p>Slurry from saw cutting activities has the potential to enter catch basins. The dry slurry/material that was visible along the gutter of the roadway near sta. #407 last week has been removed.            4/13/07</p>	<p>Continue to prevent slurry from entering catch basins and sensitive areas, by quickly attending to it as it is generated during cutting. 4/13/07</p>	<p>Slurry was removed from the roadway.</p>
	<p>Airborne dust migration was not noted within the Kings Highway lay-down yard at the time of inspection, but has been noted during past inspections. 4/13/07</p>	<p>Prevent dust migration by implementing the dust control specifications within the 2002 CT Guidelines for Soil Erosion and Sediment Control. 4/13/07</p>	<p>Needs regular attention.</p>
<p>Sherwood Island lay-down yard</p>	<p>A portion of the silt fence located between the yard and the concrete lined waterway was compromised by construction materials piled too closely. 4/13/07</p>	<p>Re-establish any compromised controls and continue to place materials where they will not stress the silt fence. 4/13/07</p>	<p>Needs attention.</p>
	<p>The only stormwater discharge point has been adequately controlled with haybale and silt fence barriers. However, one corner of a section of silt fence was in disrepair. 4/3-4/13/07</p>	<p>Re-establish the silt fence check dam and reinforce if necessary. 4/3-4/13/07</p>	<p>Needs minor repair.</p>
<p>Inland Wetland and Watercourse encroachment and mitigation</p>	<p>The Kings Highway lay-down yard is located adjacent to potential resource areas and a concrete lined waterway. 4/13/07</p>	<p>See erosion control section 4/13/07</p>	<p>NA</p>
	<p>The Imperial Ave. lay-down yard is surrounded</p>	<p>See erosion control and spill and material storage</p>	<p>NA</p>

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	<p>by the Saugatuck River on the southwestern, western, and northern sides. The majority of the yard is isolated from the nearby resource areas by an earthen berm. 4/13/07</p> <p>An orange object (resembling construction materials) was observed within the waterway directly to the west of the Imperial Ave. yard. on 4/3/07 Further evaluation indicated that the object was not project related. 4/13/07</p>	<p>section. 4/13/07</p> <p>None. 4/13/07</p>	<p>Contractors determined that the object is not project related.</p>
<p>Staging, Storage, and Parking Areas</p>	<p>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. 4/13/07</p> <p>A contractor lay-down yard is located off of Imperial Ave. in Westport. 4/13/07</p> <p>Stockpiles of materials remain in the lay-down yard off Imperial Ave. Piles remain contained to the yard at this time. 4/13/07</p> <p>A contractor lay-down yard is located within Sherwood Island State Park. Multiple controls were used to stabilize the yard from initial use. 4/13/07</p>	<p>See Erosion Control section and Spills and Material Storage section for more detail. 4/13/07</p> <p>No issues were noted. Continue to monitor and maintain existing controls. 4/13/07</p> <p>Continue to monitor piles for stability and containment. 4/13/07</p> <p>See Erosion Control section for more details. Continue to monitor the one stormwater discharge point. 4/13/07</p>	<p>NA</p> <p>NA</p> <p>NA</p> <p>NA</p>
<p>Soils</p>	<p>No issues with tracking or soil storage were observed at this time. 4/13/07</p>	<p>Continue to restore exposed soils when feasible and mitigate for dust as necessary. See erosion control section 4/13/07</p>	<p>NA</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
State species of concern, threatened and endangered species.	According to the D&M plan, state-listed species are not located in this work area.	None	NA
Vegetative clearing (including trees to save or danger trees noted) or stabilization	<p>Only minor clearing of individual trees has been necessary at this time. 4/13/07</p> <p>Minor amounts of soil have been exposed as part of the Vault #19 construction activities. A portion of the exposed soil has been stabilized with stone. 3/15-4/13/07</p> <p>Vaults #20 and 23 have both been mulched with hay to temporarily stabilize the exposed soil here. 4/13/07</p>	<p>Cleared trees have been approved for removal in accordance with the D&amp;M plan. 4/13/07</p> <p>Continue to stabilize the exposed soil when work in the location is completed for an extended period of time. 3/15-4/13/07</p> <p>None. Continue to provide final restoration measures when appropriate. 4/13/07</p>	<p>NA</p> <p>Needs attention when active construction is complete.</p> <p>The exposed soils were mulched.</p>
Dewatering	Dewatering activities were being conducted on Imperial Ave. at the time of the inspection. 4/13/07	Water appears to be handled appropriately. 4/13/07	NA
Blasting	No blasting has been proposed. 4/13/07	None 4/13/07	NA
Spills and Material Storage	Spill cleanup materials/kits were observed in the storage yard. 4/13/07	Ensure that spill kits are also present with each vehicle during active construction. 4/13/07	NA
Sherwood Island lay-down yard	Fluid filled equipment was observed being stored on a grassed area. No leaks were observed but proactive containment should be considered. 4/13/07	Fluid filled equipment could be stored on a liner or similar so that any spills are proactively contained. 4/13/07	Needs evaluation.
Additional Observations	None 4/13/07	None 4/13/07	NA

**Next likely scheduled  
inspection:**

Thursday April 19, 2007

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:**

Katie Bednaz, BSC Group

**Reviewer:**

Diana Walden, BSC Group



Construction activities located within Imperial Ave. adjacent to Dead Man's Creek. Adjacent catch basins have been protected.



Photo of the Imperial Ave. lay-down yard. No issues were noted.



Both photo taken within the Sherwood Island lay-down yard. Left: Silt fence check dam leading to stormwater outlet has been compromised and is in need of repair. Right: Fluid filled equipment being stored on grassed area. No leaks were observed but equipment could be stored on a liner or otherwise contained proactively.





Both photo of temporary stabilization measures (mulch) on exposed soils at completed vault locations.  
Left: Vault #20. Right: Vault #23.



Materials within the King's Highway lay-down yard were piled against the controls, compromising them. The fence should be re-established. Continue to store materials in a way that does not strain the controls.