

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 3, 2007 (night inspection)

Inspector: Katie Bednaz

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

Rain Event: Total of 0.24" of precipitation was reported since the previous inspection with 0.19" of the total recorded on 4/1. (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. 4/3/07	None. 4/3/07	NA (Not applicable)
Vault Openings and Trench Construction Westport	Construction trenching activities were active at sta. #405 to #407, #224 to #226, #193 to #198, #272 to #273, and #317 to #319. 4/3/07	See Erosion and Sediment Control sections of this report for additional details. 4/3/07	NA
	Construction activities continue at vaults #18 and #20. 3/27/07	None. 4/3/07	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. 4/3/07	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. 4/3/07	Catch basins were protected.(Proactively) Additional attention needed in some locations.
	Two of the three catch basin inlets near Sta #407 had liners but the third still needed controls. 4/3/07	Install controls in any catch basins where slurry or run-off from the project can enter. 4/3/07	Some liners were in place but additional attention is needed.
	Slurry from saw cutting	Continue to prevent	Needs attention

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Kings Highway Lay-down Yard (Fairfield) (Currently being used for Segment 4a and 4b operations.)</p> <p>Sherwood Island lay-down yard</p>	<p>activities has the potential to enter catch basins. Dry slurry/material was visible along the gutter of the roadway near sta. #407. 4/3/07</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. 4/3/07</p> <p>The entire yard was being lined with fabric, and covered with a layer of soil and stone. A second liner is installed and then covered with a final layer of stone This will aid in reducing mud and tracking and lead to simplified restoration at the end of the project. 4/3/07</p> <p>The only stormwater discharge point has been adequately controlled with haybale and silt fence barriers. One corner of a section of silt fence was in disrepair. 4/3/07</p>	<p>slurry from entering catch basins and sensitive areas, by quickly attending to it as it is generated during cutting. Clean/sweep the accumulated slurry noted in this location. 4/3/07</p> <p>Prevent dust migration by implementing the dust control specifications within the 2002 CT Guidelines for Soil Erosion and Sediment Control. 4/3/07</p> <p>None. 4/3/07</p> <p>Re-establish the silt fence check dam and reinforce if necessary. 4/3/07</p>	<p>Needs regular attention.</p> <p>Yard was lined with fabric and stone prior to use.</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. 4/3/07</p> <p>The Imperial Ave. lay-down yard is surrounded by the Saugatuck River on the southwestern, western, and northern sides. The majority of the yard is isolated from the</p>	<p>See erosion control section 4/3/07</p> <p>See erosion control section. 4/3/07</p>	<p>NA</p> <p>NA</p>

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	<p>nearby resource areas by an earthen berm. 4/3/07</p> <p>An orange object (resembling construction materials) was observed within the waterway directly to the west of the Imperial Ave. yard. It is unclear whether this object is project related. 4/3/07</p>	<p>If at all feasible, determine if the object came from the yard and remove if necessary. 4/3/07</p>	<p>Needs evaluation. The contractor rep stated they would try to check during low tide.</p>
Staging, Storage, and Parking Areas	<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. 4/3/07</p> <p>A contractor lay-down yard is located off of Imperial Ave. in Westport. 4/3/07</p> <p>Stockpiles of materials remain in the lay-down yard off Imperial Ave. Piles remain contained to the yard at this time. 4/3/07</p> <p>A contractor lay-down yard is located within Sherwood Island State Park. Multiple controls were used to stabilize the yard from the beginning. 4/3/07</p>	<p>See Erosion Control section and Spills and Material Storage section for more detail. 4/3/07</p> <p>See erosion control section. 4/3/07</p> <p>Continue to monitor piles for stability and containment. 4/3/07</p> <p>See Erosion Control section for more details. Continue to monitor the one stormwater discharge point. 4/3/07</p>	<p>NA</p> <p>NA</p> <p>NA</p> <p>NA</p>
Soils	<p>No issues with tracking or soil storage were observed at this time. 4/3/07</p>	<p>Continue to restore exposed soils when feasible and mitigate for dust as necessary. See erosion control section 4/3/07</p>	<p>NA</p>
State species of concern, threatened and endangered species.	<p>According to the D&M plan, state-listed species are not located in this work area.</p>	<p>None</p>	<p>NA</p>

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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. Five trees were removed last week to accommodate work near vault #20. 4/3/07</p> <p>Minor amounts of soil has been exposed as part of the Vault #19 construction activities. A portion of the exposed soil has been stabilized with stone. 3/15-4/3/07</p>	<p>Cleared trees have been approved for removal in accordance with the D&M plan. 4/3/07</p> <p>Continue to stabilize the exposed soil when work in the location is completed for an extended period of time. 3/15-4/3/07</p>	<p>NA</p> <p>Needs attention when active construction is complete.</p>
Dewatering	Dewatering activities were not observed at the time of the inspection. 4/3/07	None. 4/3/07	NA
Blasting	No blasting has been proposed. 4/3/07	None 4/3/07	NA
Spills and Material Storage	Spill cleanup materials/kits were observed in the storage yard. 4/3/07	Ensure that spill kits are also present with each vehicle during active construction. 4/3/07	NA
Additional Observations	None 4/3/07	None 4/3/07	NA

Next likely scheduled inspection: Friday April 13, 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



Both photos show the Sherwood Island lay-down yard. Left: View of an area in the process of being set-up for use by the contractors. The area is lined with fabric and a mixture of stone/soil is applied. Another layer of fabric is placed, and finally the area is covered with stone. Right: Good erosion controls are in place to protect the only stormwater outlet from the site. The section of silt fence in the foreground of the photo is in need of repair.



An object was noted within the water immediately to the west of the Imperial Ave. lay-down yard. If at all feasible, determine if the object was something that came from the yard. Remove if necessary.



Photo of vault #18 construction activities.



Photo of vault #21 construction activities.



Saw cutting slurry was noted along the gutter of the roadway, south of sta. #407. Two of three catch basins were protected with a silt liner. The gutter should be swept by hand if the street sweeper cannot reach. Continue to attend to slurry as soon as it is generated.