

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: October 3, 2008

Inspector: Lennox Keen

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

Rain Event: 1.93" of precipitation was reported since the previous inspection, with the largest event of 1.60" recorded on 9/26 (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. 10/03/08	None. See erosion control section for details on sediment tracking. 10/03/08	NA (Not applicable)
	Crushed stone remains along the shoulder of the access road to the Sherwood Island yard. Sediment tracking was not an issue this week. 10/03/08	Continue to sweep the roadway and monitor and maintain controls as necessary. Continue to install crushed stone to stabilize exposed soils. 10/03/08	Needs regular attention.
Vault Openings and Trench Construction Westport/Norwalk	The area surrounding vaults #10 & 26 have been restored but there is exposed soil that needs to be seeded. 9/26-10/03/08	Stabilize exposed soils as needed. 10/03/08	Needs attention.
	Active restoration work was observed at sta. #129-131. Electrical contractors were on site at vault #26. 10/03/08	None. 10/03/08	NA
Erosion and Sediment Controls	Controls were removed from catch basins on state routes per the request of ConnDOT to improve drainage during winter	Since controls are no longer in place in the catch basins, attend to all sediment at the source and stabilize exposed	Needs regular attention.

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Norwalk	<p>conditions. Contractor plans to discontinue use of controls for the duration of the project and clean basins as necessary. 10/03/08</p> <p>Curbing has been restored along Westport Ave. near sta. #81 (vault #5). Area has been re-graded and topsoil has been spread (but remains exposed since 9/5/08). Silt fence remains at the bottom of the slope. 10/03/08</p> <p>The area near sta. #129-131 has been re-graded and topsoil was spread over the process material. However, the area did not appear to be seeded or mulched (since 8/29) Active restoration work was observed at the time of the inspection. 10/03/08</p>	<p>soils as quickly as possible. Clean catch basins as necessary. CB controls should still be considered when work is adjacent. 10/03/08</p> <p>Seed areas of exposed topsoil and mulch to permanently stabilize the area as soon as possible. Continue to monitor and sweep the roadway as necessary. 9/12-10/03/08</p> <p>Stabilize exposed soil. Sweep area if necessary and continue to monitor for stabilization. 10/03/08</p>	<p>Needs additional stabilization.</p> <p>Additional restoration noted.</p>
Westport	<p>The area adjacent to Stony Brook at sta. #217 has been re-graded and topsoil has been spread (but remain exposed- not seeded since 9/5). Hay bales remain along the edge of the retaining wall. 10/03/08</p> <p>The area near vault #14 has been finalized. Islands were seeded. There was a minor amount of sediment along street, which may not be project related. 10/03/08</p> <p>The island near sta. #316-318 remains re-graded with topsoil spread over the area but mulch was not yet</p>	<p>Continue to monitor and maintain controls as necessary. Provide final stabilization to areas of exposed topsoil with mulch and seed. See Inland Wetlands section for more details. 9/5-10/03/08</p> <p>Continue to sweep the roadway as necessary. Continue to monitor for final stabilization. 10/03/08</p> <p>Permanently stabilize the area. Mulch is needed to prevent erosion. Continue to monitor for</p>	<p>NA at this time</p> <p>Area has been re-graded and topsoil has been spread. Needs additional attention.</p> <p>Needs additional stabilization.</p>

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>observed (since 8/14). The area was approximately 50% vegetated, However, gullies have formed as a result of recent (9/12) rain 10/03/08</p> <p>Bituminous curbing along the north side of the median near sta. #316-318 is broken and/or missing in some areas. 1/24-10/03/08</p> <p>Perimeter controls were beginning to deteriorate in some places 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. 10/03/08.</p> <p>Perimeter controls remain in place. Sediment tracking was not observed along the access road. Crushed stone remains throughout the yard. Vehicles, equipment and materials are being stored along the access road. 10/03/08</p>	<p>vegetation growth. 10/03/08</p> <p>Replace bituminous curbing if work is complete in this area. 1/24-10/03/08</p> <p>Continue to monitor and maintain controls as necessary. Maintain 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. 10/03/08</p> <p>Continue to sweep the roadway and monitor and maintain controls as necessary. Continue spreading crushed stone where equipment is being stored to reduce tracking. Full restoration (including stone removal) will be needed when access needs are complete. 10/03/08</p>	<p>Needs regular attention.</p> <p>Needs regular attention. Controls need maintenance</p> <p>Needs regular attention.</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. 10/03/08</p> <p>Vegetation has been restored in some areas adjacent to the Stony Brook. An area adjacent to the wall has been re-</p>	<p>See Erosion and Sediment Controls section. 10/03/08</p> <p>Continue restoration/ stabilization efforts (needs mulch and seed since 9/5) and monitor until vegetation is fully</p>	<p>NA</p> <p>Efforts were made to regrade and restore. Needs mulch and seed.</p>

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	graded and is ready to be seeded. Hay bales remain in place along the edge of the wall. 10/03/08	restored. See Erosion and Sediment Controls section for additional details. 10/03/08	
Staging, Storage, and Parking Areas	<p>A contractor lay-down yard is located within Sherwood Island State Park. BSC was informed the contractor has contracted use of the Sherwood Island yard for other projects in the area. 10/03/08</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. Reserve spill kits are located near the equipment trailers. 10/03/08</p>	<p>See the Erosion and Sediment Controls section for more detail 10/03/08 An agreement will have to be worked out regarding the level of restoration the project is responsible 10/03/08</p> <p>An agreement will have to be worked out regarding the level of restoration the project is responsible for. 10/03/08</p>	<p>NA Needs future discussion at the end of the M/N project</p> <p>NA</p>
Soils	<p>Minor amounts of soil have been exposed as part of the vault construction, utility work, and tie-in activities. Portions of the exposed soil near the vaults remain stabilized with hard-pack material or crushed stone. 10/03/08</p> <p>Area near Vault#14-sta. #233-235 is in the final stages of restoration. Topsoil has been spread and the area is beginning to vegetate. 10/03/08</p> <p>The disturbed areas surrounding vault #12 as been restored. Sidewalk and curbing were</p>	<p>Most areas are temporarily stabilized. Soils appear to be handled appropriately. If exposed soils are not to be worked within 21 days, they should be stabilized within 7 days of the last activity. Where work has been completed, the areas should be seeded, and mulched as part of permanent restoration. 10/03/08</p> <p>Monitor vegetation growth for permanently stabilization. 10/03/08</p> <p>Area is fully restored. Monitor for vegetation. 10/03/08</p>	<p>Continue to monitor areas.</p> <p>Continue to monitor</p> <p>NA at this time.</p>

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	<p>installed and topsoil was spread. 10/03/08</p> <p>The area near vault #26 has been restored. Topsoil has been spread and the area has been hydro-seeded. 10/03/08</p>	Continue to monitor the area for permanent stabilization. 10/03/08	Continue to monitor.
State species of concern, threatened and endangered species.	According to the D&M plan, state-listed species are not located in this work area. 10/03/08	None. 10/03/08	NA
Vegetative clearing (including trees to save or danger trees noted) or stabilization	<p>Trees were previously removed near vault #12 to accommodate work. The area is being restored at this time with thick mulch cover. 10/03/08</p> <p>Area near vault #20 has stabilized with vegetation. A portion of the area has been paved and a chain link fence was installed by others to restrict vehicles from driving over the area. 10/03/08</p> <p>Two trees have previously been removed near sta. #145 per the D&M plan. Topsoil was spread but needed stabilization 10/03/08</p>	<p>Restore any plantings if required by the D&M plan. 10/03/08</p> <p>Areas can be considered stable once it has reached 75% cover. See Soils section. Work on solutions with the landowner. 10/03/08</p> <p>Cleared trees have been removed in accordance with the D&M plan. Restore as required by the D&M plan when feasible. 10/03/08</p>	<p>NA</p> <p>Area appropriately restored.</p> <p>Needs stabilization.</p>
Dewatering	Dewatering was not observed during this week's inspection. 10/03/08	Continue to ensure that material is contained appropriately and treated according to the ground-water handling plan as referenced in the D&M. 10/03/08	NA
Spills and Material Storage	Spill cleanup materials/kits were observed in the storage yard. 10/03/08	Ensure that spill kits are also present with each vehicle during active construction. 10/03/08	NA
Additional Observations	None. 10/03/08	None. 10/03/08	NA

**Next likely scheduled
inspection:**

Friday, October 10, 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:

Lennox Keen, BSC Group

Reviewer:

Diana Walden, BSC Group



Restoration work was underway near sta. #129-131 and vault # 8.



The area near sta. #316-318 has vegetated with weedy growth. Bituminous curbing still needs to be restored.



New River Electric was on site at vault #26.



Asphalt road work was observed near sta. #435 at the Sasco Creek bridge crossing.