

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: September 19, 2008

Inspector: Gregory Sommer

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

Rain Event: 1.12” of precipitation was reported since the previous inspection, with the largest event of 0.64” recorded on 9/14 (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. 9/19/08	None. See erosion control section for details on sediment tracking 9/19/08	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. 9/19/08	Continue to sweep the roadway and monitor and maintain controls as necessary. Continue to install crushed stone to stabilize exposed soils. 9/19/08	Needs regular attention.
Vault Openings and Trench Construction Westport/Norwalk	The area surrounding vaults #9 & #14 have been restored but there is exposed soil that needs to be seeded. 9/19/08	Stabilize exposed soils as needed. 9/19/08	Needs attention.
	Vault#14 has been repaved as part of final restoration plan. There were ruts observed in one of the curbed islands, the areas of exposed soils should be stabilized. 9/19/08	Re-grade areas & stabilize exposed soils as needed.9/19/08	Needs attention.
	Restoration efforts were observed at vault #8, 14, & 23. 9/19/08	None. 9/19/08	NA

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Erosion and Sediment Controls</p> <p>Norwalk</p> <p>Westport</p>	<p>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. 9/19/08</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. 9/19/08</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. 8/29-9/19/08</p> <p>The area near vault #9 has been restored but soil remains exposed. 9/19/08</p> <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. 9/19/08</p> <p>The area near vault #14 has been paved with a final coat. The curbed islands have been restored with topsoil but were not yet seeded. There was a minor</p>	<p>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. CB controls should still be considered when work is adjacent. 9/19/08</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. 9/12-9/19/08</p> <p>Stabilize exposed soil. Sweep area if necessary and continue to monitor for stabilization. 9/19/08</p> <p>Seed and mulch the exposed soil. 9/19/08</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. 9/5-9/19/08</p> <p>Continue to sweep the roadway as necessary. Stabilize the topsoil with seed and mulch. 9/19/08</p>	<p>Needs regular attention.</p> <p>Needs additional stabilization.</p> <p>Area was covered in topsoil but needs further stabilization efforts.</p> <p>Area needs seed and mulch.</p> <p>Topsoil was spread but needs stabilization.</p> <p>Islands were restored but area needs additional attention</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>amount of sediment along street. 9/12- 9/19/08</p> <p>The island near sta. #316-318 remains re-graded with topsoil spread over the area but mulch was not yet Observed (since 8/14). The area was approximately 20% vegetated. However, gullies have formed as a result of recent rain. 9/12- 9/19/08</p> <p>Bituminous curbing along the north side of the median near sta. #316-318 is broken and/or missing in some areas. 1/24-9/19/08</p> <p>Perimeter controls were beginning to deteriorate in some places. Crushed stone remains throughout the yard to reduce tracking. Sediment tracking and dust issues were not observed at the time of the inspection. 9/19/08</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. 9/19/08</p>	<p>Sweep the roadway as necessary. The erosion will need to be repaired and the entire area will need to be mulched for temporary stabilization. Continue to monitor for vegetation growth. 9/19/08</p> <p>Replace bituminous curbing if work is complete in this area. 1/24-9/19/08</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. 9/19/08</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. 9/19/08</p>	<p>Erosion needs repair. Needs additional stabilization.</p> <p>Needs attention when work is complete in the area</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</p>	<p>See Erosion and Sediment Controls section. 9/19/08</p>	<p>NA</p>

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	<p>lined waterway. 9/19/08</p> <p>Vegetation has been restored in some areas adjacent to the Stony Brook. An area adjacent to the wall has been re-graded and is ready to be seeded. Hay bales remain in place along the edge of the wall 9/5-9/19/08</p>	<p>Continue restoration/ stabilization efforts (needs mulch and seed) and monitor until vegetation is fully restored. See Erosion and Sediment Controls section for additional details. 9/19/08</p>	<p>Efforts were made to regrade and restore. Needs mulch and seed.</p>
<p>Staging, Storage, and Parking Areas</p>	<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. 9/19/08</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. 9/19/08</p>	<p>See the Erosion and Sediment Controls section for more detail 9/19/08</p> <p>An agreement will have to be worked out regarding the level of restoration the project is responsible for.</p> <p>See Erosion and Sediment Controls section for more information. 9/19/08</p>	<p>NA</p> <p>Needs future discussion at the end of the M/N project</p> <p>NA</p>
<p>Soils</p>	<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. 9/19/08</p> <p>Area near Vault#14-sta #233-235 is in the final stages of restoration. The area has been paved with</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. 9/19/08</p> <p>Seed and mulch topsoil as soon feasible to permanently restore area 9/12-9/19/08</p>	<p>Continue to monitor areas.</p> <p>Islands were restored but seed and mulch were still needed</p>

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	<p>the final coat; Curbs/ islands have been restored. Topsoil has been spread and graded but not seeded 9/12-9/19/08</p> <p>The disturbed areas surrounding vault #12 as been restored. Sidewalk and curbing were installed and topsoil was spread. 9/19/08</p> <p>The area near vault #26 has been restored. Topsoil has been spread and the area has been hydro-seeded. 9/19/08</p>	<p>Stabilize exposed soil (mulch/seed) as soon as feasible so that it does not run-off to the parking lot. Sweep roadway as necessary. Refer to Erosion Control section for more details. 9/19/08</p> <p>Continue to monitor the area for permanent stabilization. 9/19/08</p>	<p>Stabilize soils. Needs attention.</p> <p>Continue to monitor.</p>
<p>State species of concern, threatened and endangered species.</p>	<p>According to the D&M plan, state-listed species are not located in this work area. 9/19/08</p>	<p>None. 9/19/08</p>	<p>NA</p>
<p>Vegetative clearing (including trees to save or danger trees noted) or stabilization</p>	<p>Trees were previously removed near vault #12 to accommodate work. Topsoil was spread over the area but remains exposed. 7/25-9/19/08</p> <p>Some areas near vault #20 are approximately 75% vegetated, while others have failed to vegetate due to vehicles parking in these areas which is heavily rutted. 9/19/08</p> <p>Two trees have previously been removed near sta. #145 per the D&M plan. Topsoil was spread but still needs stabilization. 9/19/08</p>	<p>Restore as required by the D&M plan when feasible. Establish vegetative cover and plantings as soon as feasible. 7/25-9/19/08</p> <p>Areas can be considered stable once it has reached 75% cover. See Soils section. Work on solutions with the landowner. 9/19/08</p> <p>Cleared trees have been removed in accordance with the D&M plan. Restore as required by the D&M plan when feasible 9/19/08</p>	<p>Area was being restored; further attention needed</p> <p>Needs attention when feasible.</p> <p>Needs stabilization.</p>
<p>Dewatering</p>	<p>Dewatering was not</p>	<p>Continue to ensure that</p>	<p>NA</p>

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	observed during this week's inspection. 9/19/08	material is contained appropriately and treated according to the ground-water handling plan as referenced in the D&M. 9/19/08	
Spills and Material Storage	Spill cleanup materials/kits were observed in the storage yard. 9/19/08	Ensure that spill kits are also present with each vehicle during active construction. 9/19/08	NA
Additional Observations	None. 9/19/08	None. 9/19/08	NA

Next likely scheduled inspection: Friday September 26, 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



Topsoil has been spread in the area near sta. #316-318 but was not mulched. Minor gullies have formed in some locations due to heavy rains. Repair the erosion and apply mulch over the entire area.