

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 30, 2008

Inspector: Gregory Sommer

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

Rain Event: 1.56" of precipitation was reported since the previous inspection, with 0.76" and 0.80" recorded on 10/25 and 10/28 respectively. (Bridgeport, CT NOAA data).

Areas of Inspection	Observation	Recommended Action	Corrected Action
Access Roads and Adjacent Roadways	<p>All work is within existing paved roadways at this time. 10/30/08</p> <p>Crushed stone remains along the shoulder of the access road to the Sherwood Island yard. Sediment tracking was not observed during this week's inspection. 10/30/08</p>	<p>None. See erosion control section for details on sediment tracking 10/30/08</p> <p>Continue to sweep the roadway and monitor and maintain controls as necessary. Continue to install crushed stone to stabilize exposed soils. 10/30/08</p>	<p>NA (Not applicable)</p> <p>Needs regular attention.</p>
Vault Openings and Trench Construction Westport/Norwalk	<p>Active restoration work was observed near sta. #148 during this week's inspection. New River Electric was also on-site at sta. #96. 10/30/08</p>	<p>None. 10/30/08</p>	<p>NA</p>
Erosion and Sediment Controls	<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</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</p>	<p>Needs regular attention.</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
Norwalk	<p>duration of the project and clean basins as necessary. 10/30/08</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. 10/30/08</p> <p>The area near sta. #129-131 has been re-graded and topsoil is in place over the process material, but remains exposed. 10/30/08</p>	<p>controls should still be considered when work is adjacent. 10/30/08</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. 9/12-10/30/08</p> <p>Stabilize/winterize exposed soil. Sweep area if necessary and continue to monitor for stabilization. 10/30/08</p>	<p>Needs additional stabilization.</p> <p>Needs additional stabilization.</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. 10/30/08</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 80% vegetated, However, small gullies remain as a result of recent (9/12) rain 10/30/08</p> <p>Bituminous curbing along the north side of the median near sta. #316-318 is broken and/or missing in some areas. (since 1/24) Roadway pavement is also degrading along the curb. 10/30/08</p> <p>Topsoil was spread near sta</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. 9/5-10/30/08</p> <p>Permanently stabilize the area with mulch, if needed to prevent erosion. Re-grade eroded areas if necessary. 10/30/08</p> <p>Replace bituminous curbing if work is complete in this area. 1/24-10/30/08 Repair the roadway pavement as well.</p> <p>Ensure the area is</p>	<p>Continue to monitor. Needs final stabilization.</p> <p>May need additional stabilization.</p> <p>Needs attention when work is complete in the area</p> <p>Needs additional</p>

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<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>#433 as part of the restoration efforts but the area has not been mulched or seeded. 10/30/08</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. 10/30/08.</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. 10/30/08</p>	<p>temporarily stabilized/winterized. 10/30/08</p> <p>Continue to 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. 10/30/08</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. 10/30/08</p>	<p>restoration.</p> <p>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. 10/30/08</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. 10/30/08</p>	<p>See Erosion and Sediment Controls section. 10/30/08</p> <p>Continue restoration/stabilization efforts (needs mulch and seed since 9/5) and monitor until vegetation is fully restored. See Erosion and Sediment Controls section for additional details 10/30/08</p>	<p>NA</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</p>	<p>See the Erosion and Sediment Controls section for more detail</p>	<p>NA</p> <p>Needs future</p>

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	<p>Park. BSC was informed the contractor has contracted use of the Sherwood Island yard for other projects in the area 10/30/08</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. Equipment is being demobilized as work is concluding 10/30/08</p>	<p>10/30/08 An agreement will have to be worked out regarding the level of restoration the project is responsible 10/30/08</p> <p>See Erosion and Sediment Controls section for more information. 10/30/08</p>	<p>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. Areas near the vaults are currently being re-graded and topsoil is being spread. In some areas the exposed soil near the vaults remain stabilized with hard-pack material or crushed stone. 10/30/08</p> <p>The area surrounding vault #10 has been restored but exposed soil needs to be seeded/mulched. 10/10-10/30/08</p> <p>Restoration has occurred near vault #17. Ensure that any topsoil is stabilized with mulch or plantings. 10/30/08</p> <p>The area near vault #26 has been restored. Topsoil has been spread and the area has been hydro-seeded. Minimal growth was noted. 10/30/08</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. 10/30/08</p> <p>Stabilize exposed soils as needed. 10/10-10/30/08</p> <p>Stabilize exposed soils as needed. 10/30/08</p> <p>Continue to monitor the area for permanent stabilization. 10/30/08</p>	<p>Continue to monitor areas.</p> <p>Needs attention/stabilization.</p> <p>Ensure stabilization.</p> <p>Continue to monitor.</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. 10/30/08	None. 10/30/08	NA
Vegetative clearing (including trees to save or danger trees noted) or stabilization	Trees were previously removed near vault #12 to accommodate work. The area has been restored with thick mulch cover. 10/30/08 Two trees have previously been removed near sta. #145 per the D&M plan. Grass cover has established and signage was being restored. 10/30/08	Restore any plantings if required by the D&M plan. 10/30/08 Restore any planting as required by the D&M plan when feasible. 10/30/08	NA NA
Dewatering	Dewatering was not observed during this week's inspection. 10/30/08	Continue to ensure that material is contained appropriately and treated according to the ground-water handling plan as referenced in the D&M. 10/30/08	NA
Spills and Material Storage	Spill cleanup materials/kits were observed in the storage yard. 10/30/08	Ensure that spill kits are also present with each vehicle during active construction. 10/30/08	NA
Additional Observations	None. 10/30/08	None. 10/30/08	NA

Next likely scheduled inspection:

Friday, November 7, 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



Final restoration work was observed near sta. #146 as a foundation for a sign was being adjusted.



The area near sta. #316-318 has vegetated with weedy growth. Ruts and eroded gullies were observed in a few locations. Bituminous curbing and edge of pavement still needs to be restored.



The area near sta. #381 was seeded and the area has vegetated.



Topsoil has been spread over the area near sta. #433. The exposed soil needs to be seeded and temporarily stabilized.