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 4c Underground Line

Date: **October 16, 2008**

Inspector: **Gregory Sommer**

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

Rain Event: **0.00" of precipitation was reported since the previous inspection. (Bridgeport, CT NOAA data).**

Areas of Inspection	Observation	Recommended Action	Corrected Action
Access Roads and Adjacent Roadways	All work is within existing paved roadways and parking lots at this time and is nearing completion. 10/16/08	Sweep roadways on a regular basis. 10/16/08	Needs regular attention
Vault Openings and Trench Construction Norwalk	Areas along Main Street have been temporarily paved. near sta. #31-38. 10/16/08	Continue to monitor areas. Mulch/ temporarily stabilize areas as they are completed. See erosion control section. 10/16/08	NA (Not applicable)
Erosion and Sediment Controls	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. 10/16/08 The slope at sta. #14-18 has been restored and seeded and is fully vegetated, despite the lack of mulch. Silt fence and hay bale barrier	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. Consider installing controls when work is immediately adjacent. 10/16/08 The side slope is fully stable with sufficient vegetative cover. Remove silt fence but haybales can remain. 10/16/08	Needs regular attention. Area is stable, silt fence can be removed.

Areas of Inspection	Observation	Recommended Action	Corrected Action
	remains along the graded slope. 10/16/08		
	In the area near sta. #4-10, some areas have fully vegetated. Other areas have no growth due to continued construction traffic. Hay bale check dams remain along the swale However, multiple gullies have since formed as a result of heavy rains and the swale and drainage inlet near sta. #9+50 are full of sediment. 9/12-10/16/08	**Continue to ensure that drainage does not cause issues on the roadway. Hay bale check dams and barriers had been installed but could not control the sediment.** **Regrade and stabilize areas of exposed soils with mulch and seed. 9/12-10/16/08**	**Needs attention**
	The inlet at #9+50 now has haybales surrounding it but obvious amounts of sediment have accumulated here and within the receiving catch basin. 9/12-10/16/08	**Stabilize the area and clean out the catch basin and inlet. 9/12-10/16/08**	**Needs attention.**
	Sedimentation into the substation yard has increased following the erosion of the topsoil recently applied over the slope. 9/12-10/16/08	**Discuss options with CL&P on how to address the material that has previously eroded into the substation. 10/16/08**	**Discuss options with CL&P on clean-up efforts within substation.**
Inland Wetland and Watercourse encroachment and mitigation	**A resource area appears to be located down gradient from the work near sta#15-18. 10/16/08**	**See Erosion & Sediment Controls section for more details. 10/16/08**	**NA**
Staging, Storage, and Parking Areas	**None. 10/16/08**	**None. 10/16/08**	**NA**
Soils	**Soil has been is exposed during trenching, vault and utility installation during active work. Exposed soil near sta. #0-4 is approximately 60% vegetated. 10/16/08**	**Soils appear to be handled appropriately. Continue to monitor the area for vegetation growth. 10/16/08**	**Area was beginning to vegetate.**
	Topsoil was recently spread over the work area along the Rt. 7 off-ramp	**Work quickly to regrade and stabilize these exposed soils. Provide**	**Some grass cover was noted but needs attention.**

Areas of Inspection	Observation	Recommended Action	Corrected Action
	near sta #4-9+50 but remained exposed going into a period of heavy rain. Eroded gullies and washouts formed in many locations, resulting in sedimentation. 9/12-10/16/08 **Most areas are approx. 50% vegetated, except in areas where vehicles are traveling. 10/16/08**	**seed and thick mulch to reduce exposure to erosion. Haybale check dams are present but were not successful in containing the area. 9/12-10/16/08**	
State species of concern, threatened and endangered species.	**According to the D&M plan, state-listed species are not located in this work area. 10/16/08**	**None. 10/16/08**	**NA**
Vegetative clearing (including trees to save or danger trees noted) or stabilization	**Multiple trees have been cleared between sta. #15-18. Grass cover has fully established despite the lack of mulch. 10/16/08**	**Provide plantings if indicated in the restoration plan. 10/16/08**	**Area was stable with adequate grass cover.**
	The area near the Norwalk substation perimeter (sta. #0-4) has been backfilled, re-graded, hydro-seeded and trees have been planted. The area is beginning to vegetate. Areas downgradient remain exposed. 10/16/08	**Continue to monitor area for stabilization. 10/16/08**	**Sta #0-4 is beginning to vegetate.** **Areas downgradient need attention.**
Dewatering	**Dewatering activities were not observed during this week's inspection. 10/16/08**	**Continue to appropriately contain and/or filter discharge water. Ensure clean water from vaults is discharged directly to catch basins. 10/16/08**	**NA**
Spills and Material Storage	**Spill cleanup materials/ kits should be brought from site to site with equipment. 10/16/08**	**Ensure that spill kits are present with each vehicle during active construction. 10/16/08**	**NA**
Additional Observations	**Materials stored near sta #14 are also not related to the M/N project but prohibit any re-vegetation along the roadway shoulder.**	**None. 10/16/08**	**NA**

Areas of Inspection	Observation	Recommended Action	Corrected Action
	10/16/08		

Next likely scheduled inspection: **Friday, October 24, 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*

The area adjacent to the Norwalk substation near sta. #4-8 has been seeded and the area is beginning to vegetate, except in some areas where construction traffic is impeding vegetation growth. The drainage swale has been restored, but sediment has washed out and accumulated in portions of the swale.

The slope at sta. #14-18 has been re-graded and is stabilized, except for a portion near the road where exposed soil remains. Material for the adjacent bridge project is also being staged in this area.