

**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.

**East Devon Substation Inspection**

**Date:** June 22, 2007

**Inspector:** Matt Kelly

**Location:** East Devon Substation

**Rainfall:** 0.30” of precipitation were recorded in the week since the last inspection with 0.16” of the total reported on 6/16. (NOAA data at New Haven, CT).

Areas of Inspection	Observation	Recommended Action	Corrected Action
Access Roads and Adjacent Roadways	The substation site is currently accessed from Plains Road and Shelland Street. The stone access pad off Plains Rd continues to minimize sediment tracking to the roadway. 6/22/07	Continue to monitor for sediment tracking and maintain stone access pads at the entrances to reduce tracking. 6/22/07	Not Applicable (NA)
	Work associated with the relocation of Shelland St continues to the east of the existing overhead ROW. Curb installation appears to be complete. See Vegetative Clearing Stabilization Section. 6/22/07	Continue to monitor and add controls as necessary. See Vegetative Clearing and Stabilization Section. 6/22/07	Not Applicable (NA)
	Raised catch basins (CBs) were noted along Shelland Street and the western site boundary, but they are non-operational at this time. 6/22/07	Continue to monitor and add controls as necessary. 6/22/07	NA
	Minor sediment tracking was noted on Plains Rd this week. Sediment build up remains around some of the catch basins but	Continue to monitor for sediment tracking. Sweep the roadway on a regular basis and clean the catch basins as	Needs regular attention

Areas of Inspection	Observation	Recommended Action	Corrected Action
	<p>“Silt saks” continue to function properly. Curb inlet protection is not provided in some areas. 6/22/07</p>	<p>necessary. See EC Section for more detail. 6/22/07</p>	
<p>Foundation and site construction</p>	<p>Construction of detention basin and associated stormwater features continues at the southeastern portion of the site. 6/22/07</p> <p>Perimeter/retaining wall construction continues this week. Backfilling is complete in some areas. 6/22/07</p> <p>Perimeter fence installation continues. 6/22/07</p>	<p>None at this time. 6/22/07</p> <p>Continue to monitor. 6/22/07</p> <p>None at this time. 6/22/07</p>	<p>NA</p> <p>NA</p> <p>NA</p>
<p>Erosion and Sediment Controls</p>	<p>Jersey barriers have been removed, but the mulch berm remains along the western site boundary. Controls (the newly constructed retaining wall and mulch berm) continue to contain soils and prevent off site sedimentation. 6/22/07</p> <p>Hay mulch was applied to the disturbed soils located to the west of the retaining wall for temporary stabilization. 6/22/07</p> <p>Stone continues to be spread throughout the site for stabilization and dust control. 6/22/07</p> <p>Sediment build up was noted at some of the CBs on Plains Rd this week. “Silt saks” (or similar) remain intact, but curb drop inlet protection was</p>	<p>Continue to monitor and improve controls as necessary. 6/22/07</p> <p>Monitor for stabilization. Add controls as necessary. 6/22/07</p> <p>Continue to monitor and add controls as necessary. 6/22/07</p> <p>Continue to monitor. Sweep the roadway on a regular basis and clean the catch basins as necessary. Curb inlet protection should be</p>	<p>NA at this time</p> <p>NA at this time</p> <p>Stone continues to be spread throughout the site for stabilization and dust control</p> <p>“Silt saks” are in place. Catch basins need regular attention</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
	not provided in some locations. Filter fabric was pulled over the inlets of the CBs located immediately adjacent to the access roads. 6/15/07	provided in some areas. 6/15/07	
Inland Wetland and Watercourse encroachment and mitigation	Two wetlands, 300 A and 300B, were cleared and filled during the construction process, as permitted. 6/22/07	None at this time. Wetlands will be mitigated off-site. 6/22/07	NA
State species of concern, threatened and endangered species.	According to the D&M plan, state-listed species are not located in this work area. 6/22/07	None. 6/22/07	NA
Vegetative clearing or stabilization	<p>Vegetation has been cleared within the limits of the substation site and along the newly re-located Shelland Street. Topography is contain most run-off. See EC Section. 6/22/07</p> <p>Stone continues to be spread throughout the site for stabilization. 6/22/07</p> <p>Hydro-seeding had begun on disturbed soils adjacent to Shelland St this week. Tree plantings were also noted here. 6/22/07</p>	<p>None at this time. See EC Section. 6/22/07</p> <p>Continue to monitor. 6/22/07</p> <p>Continue to monitor for stabilization. 6/22/07</p>	<p>NA</p> <p>Stone continues to be spread throughout the site for stabilization</p> <p>Hydro-seeding has begun on disturbed soils adjacent to Shelland St. Tree plantings have begun.</p>
Dewatering	Dewatering is not being performed for substation work at this time. 6/22/07	None at this time. 6/22/07	NA
Blasting	No blasting is proposed at this time. 6/22/07	None at this time. 6/22/07	NA
Spills, Soils and Material Storage	Construction materials and equipment are kept on the substation site and at the receiving yard located to the east of	In general, store materials and equipment appropriately. Ensure that vehicles are equipped with spill kits	NA

Areas of Inspection	Observation	Recommended Action	Corrected Action
	Shelland Street. 6/22/07	and maintain them when needed. All construction vehicles should be parked at least 100 feet from a wetland or waterbody when feasible. 6/22/07	
Additional Observations	NA	NA	NA

Next likely scheduled inspection: Friday June 29, 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: Matt Kelly, BSC Group

Reviewer: Lee Curtis, BSC Group



View of the retaining wall along the western boundary site boundary. The mulch berm remains as a perimeter control here.



Overall view of substation work.



Active work continues along the re-located Shelland Street. Tree plantings were noted this week.



Hydro-seed was applied to disturbed soils here (Shelland). Curb installation appears to be complete.