

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: December 20, 2007

Inspector: Matt Kelly

Location: East Devon Substation

Rainfall: 0.68” of precipitation were recorded in the week since the last inspection with 0.58” of the total reported on 12/16. (NOAA data at New Haven, CT).

Areas of Inspection	Observation	Recommended Action	Corrected Action
Access Roads and Adjacent Roadways	The stone access pads off Plains Rd continue to minimize sediment tracking to the roadway. 12/20/07	Continue to monitor for sediment tracking and maintain stone access pads at the entrances to reduce tracking. 12/20/07	Not Applicable (NA)
	Sediment build up remains around some of the catch basins on Plains Rd, but “Silt saks” continue to function properly. Curb inlet protection is not provided in this area. 12/20/07	Continue to monitor for sediment tracking. Sweep the roadway on a regular basis, clean the catch basins as necessary and provide curb inlet protection. See EC Section. 12/20/07	Needs regular attention
	“Silt saks” remain intact within the Shelland Street catch basins. 12/20/07	Continue to monitor. 12/20/07	NA
Foundation and site construction	Foundation work appears to be complete at this time. 12/20/07	None at this time. 12/20/07	NA
Erosion and Sediment Controls	The retaining wall continues to contain soils and prevent off site sedimentation. 12/20/07	Continue to monitor and improve controls as necessary. 12/20/07	NA at this time
	“Silt saks” remain intact within the catch basins located along the western site boundary and along	Continue to monitor and add controls as necessary. 12/20/07	NA

Areas of Inspection	Observation	Recommended Action	Corrected Action
	<p>Shelland Street. Stone is in place around the catch basins on the western portion of the site. 12/20/07</p> <p>Sediment build up was noted at some of the CBs on Plains Rd. “Silt saks” (or similar) remain intact but curb drop inlet protection has not been provided for any of the CBs. 12/20/07</p>	<p>Continue to monitor. Sweep the roadway on a regular basis and clean the catch basins as necessary. Curb inlet protection should be provided in areas immediately adjacent to access roads. 12/20/07</p>	<p>“Silt saks” are in place. Catch basins need regular attention</p>
<p>Inland Wetland and Watercourse encroachment and mitigation</p>	<p>Two wetlands, 300 A and 300B, were cleared and filled during the construction process, as permitted. Construction of the associated wetland mitigation areas appears to be complete near structure #3839 in Eisenhower Park at this time. 12/20/07</p>	<p>Continue to monitor mitigation areas until final stabilization is achieved. 12/20/07</p>	<p>All disturbed areas have been temporarily stabilized with erosion control blankets.</p> <p>Woody debris has been added to create wildlife habitat.</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. 12/20/07</p>	<p>None. 12/20/07</p>	<p>NA</p>
<p>Vegetative clearing or stabilization</p>	<p>Vegetation has been cleared within the limits of the substation site and along the newly re-located Shelland Street. 12/20/07</p> <p>Stone has been spread throughout the site for stabilization. 12/20/07</p> <p>Exposed soils were observed in a portion of the vegetated swale (11/8/07). One EC mat was installed in this area but exposed soils remain. 12/20/07</p>	<p>None at this time. 12/20/07</p> <p>Continue to monitor. 12/20/07</p> <p>Evaluate temporary stabilization options (e.g. EC mats, hay mulch, etc.) for the exposed portions of the swale. Erosion controls may be necessary at the outlet. 12/20/07</p>	<p>NA</p> <p>NA</p> <p>Efforts were made to stabilize soils but further attention/evaluation is needed</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
Dewatering	Dewatering is not being performed for substation work at this time. 12/20/07	None at this time. 12/20/07	NA
Blasting	No blasting is proposed at this time. 12/20/07	None at this time. 12/20/07	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 Shelland Street. 12/20/07	In general, store materials and equipment appropriately. Ensure that vehicles are equipped with spill kits and maintain them when needed. All construction vehicles should be parked at least 100 feet from a wetland or waterbody when feasible. 12/20/07	NA
	All spoils from foundation work are being stored in the northeast corner of the substation site. Soils appear to be contained on site. 12/20/07	Continue to monitor and remove spoils when feasible. 12/20/07	NA
Additional Observations	NA	NA	NA

Next likely scheduled inspection: Friday January 4, 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



East Devon Substation (Milford): A general view of the construction at the substation.



East Devon Substation: An additional view of the construction at the substation.



East Devon Substation: All spoils from foundation work are being stored in the northeast corner of the site. The spoils appear to be contained on site.



Eisenhower Park-Wetland Mitigation Site (Milford): Woody debris has been added to the site to create wildlife habitat.