

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: February 15, 2008

Inspector: Matt Kelly

Location: East Devon Substation

Rainfall: 2.67” of precipitation were recorded in the week since the last inspection with 1.98” of the total reported on 2/13. (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. Minor tracking was observed this week. 2/15/08	Continue to monitor for sediment tracking and maintain stone access pads at the entrances to reduce tracking. 2/15/08	Not Applicable (NA)
	Sediment build up remains around some of the catch basins on Plains Rd, and “Silt saks” are no longer functional. Curb inlet protection is also not provided in this area. 2/15/08	Continue to monitor for sediment tracking and clean/replace “Silt saks” when necessary. Provide curb inlet protection and continue to sweep the roadway regularly. See EC Section. 2/15/08	Needs regular attention
	“Silt saks” remain intact within the Shelland Street catch basins. 2/15/08	Continue to monitor. 2/15/08	NA
Foundation and site construction	Foundation work appears to be complete, but construction continues on site. 2/15/08	None at this time. 2/15/08	NA
Erosion and Sediment Controls	The retaining wall continues to contain soils and prevent off site sedimentation. 2/15/08	Continue to monitor and improve controls as necessary. 2/15/08	NA at this time
	“Silt saks” remain intact within the catch basins	Continue to monitor and add controls as necessary.	NA

Areas of Inspection	Observation	Recommended Action	Corrected Action
	<p>located along the western site boundary and along Shelland Street. Stone is in place around the catch basins on the western portion of the site. 2/15/08</p> <p>Sediment build up was noted at some of the CBs on Plains Rd. “Silt saks” (or similar) remain intact but are no longer functional. Curb drop inlet protection has not been provided for any of the CBs. 2/15/08</p> <p>Haybale controls were installed at the culvert outlet within the drainage swale located along the eastern boundary of the substation. 2/15/08</p>	<p>2/15/08</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. 2/15/08</p> <p>Continue to monitor and adjust controls as necessary. 2/15/08</p>	<p>“Silt saks” are in place. Catch basins need regular attention</p> <p>NA at this time</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.</p> <p>Scouring from the Wepawaug River floodwaters was observed along the bank of the mitigation area. 2/15/08</p>	<p>Continue to monitor mitigation areas until final stabilization is achieved. 2/15/08</p> <p>Stabilize with appropriate material and re-grade if necessary. 2/15/08</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>Needs attention when feasible</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. 2/15/08</p>	<p>None. 2/15/08</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.</p>	<p>None at this time. 2/15/08</p>	<p>NA</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
	<p>2/15/08</p> <p>Stone has been spread throughout the site for stabilization. 2/15/08</p> <p>Exposed soils have been temporarily stabilized with mulch in a portion of the vegetated swale and hay bale check dams were installed. One EC mat is in place in this area. 2/15/08</p>	<p>Continue to monitor. 2/15/08</p> <p>Continue to monitor and adjust existing controls as necessary. Evaluate additional stabilization options (e.g. EC mats, hay mulch, etc.) for the exposed portions of the swale. Erosion controls may be necessary at the outlet. 2/15/08</p>	<p>NA</p> <p>Efforts were made to stabilize soils. <i>Further evaluation is needed.</i></p>
Dewatering	Dewatering is not being performed for substation work at this time. 2/15/08	None at this time. 2/15/08	NA
Blasting	No blasting is proposed at this time. 2/15/08	None at this time. 2/15/08	NA
Spills, Soils and Material Storage	<p>Construction materials and equipment are kept on the substation site and at the receiving yard located to the east of Shelland Street. 2/15/08</p> <p>All spoils from foundation work are being stored in the northeast corner of the substation site. Soils appear to be contained on site. 2/15/08</p>	<p>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. 2/15/08</p> <p>Continue to monitor and remove spoils when feasible. 2/15/08</p>	NA
Additional Observations	Sediment tracking from neighboring properties was noted on Plains Road in previous weeks. No sediment was observed this week. 2/15/08	NA. Note for the record.	NA

Next likely scheduled
inspection:

Friday February 22, 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 Substion (Milford): Haybale controls have been installed at a culvert outlet within the drainage swale located along the eastern boundary of the substation.



East Devon Substation: Exposed soils have been temporarily stabilized with mulch within the drainage swale.