

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: March 19 & 23, 2007

Inspector: Lee Curtis and Diana Walden

Location: East Devon Substation

Rainfall: 2.41” of precipitation was recorded in the two weeks since the last inspection, with 1.48” of the total reported on 3/16 (NOAA data at Meriden, CT).

Areas of Inspection	Observation	Recommended Action	Corrected Action
Access Roads and Adjacent Roadways	Work associated with the relocation of Shelland St continues to the east of the existing overhead ROW. Raised catch basins (CBs) are noted in the area but are non-operational at this time. 3/23/07	Continue to monitor and add controls as necessary. 3/23/07.	Not Applicable (NA)
	Access points are noted and roadways are being constructed in two locations off Plains Rd and at the relocated Shelland St. 3/23/07	Continue to monitor for sediment tracking and construct stone access pads at the entrances to reduce tracking. 3/23/07	NA
	On 3/19/07, sediment tracking was noted on Plains Rd. at all access points. A significant swath of mud was noted at the western access. By 3/23/07, it appeared that attempts had been made to sweep the roadway.	Continue to monitor for sediment tracking and sweep the roadway on a regular basis. 3/23/07	The roadway appears to have been swept by 3/23/07 in response to the 3/19 inspection.
	“Silt saks” (or similar) were not observed within the CBs along Plains Rd. in the vicinity of the constructed access roads on 3/19/07. However, silt	Continue to monitor and maintain as necessary. See Erosion Control Section for more detail. 3/23/07.	CB controls were in place on 3/23/07 in response to the 3/19 inspection.

Areas of Inspection	Observation	Recommended Action	Corrected Action
	saks had been installed by the 3/23/07 inspection.		
Foundation and site construction	Foundation construction has not yet begun. Currently, the site is cleared. 3/23/07	None at this time. 3/23/07	NA
Erosion and Sediment Controls	<p>Jersey barriers were installed along the western site boundary in an effort to contain soils and prevent off site sedimentation. Mulch will also be placed in this area after snow melt. 3/23/07.</p> <p>“Silt saks” (or similar) were not observed within the CBs along Plains Rd. in the vicinity of the constructed access roads on 3/19/07. Silt saks were present by the 3/23/07 inspection. Silt sak fabric was pulled over the curb drop inlet at those catch basins located immediately adjacent to the constructed access roads. 3/23/07</p> <p>A line of silt fence was noted within the large cleared area. 3/23/07</p>	<p>Continue to monitor and improve as necessary. 3/23/07</p> <p>Continue to monitor and maintain as necessary. Evaluate methods to protect the curb drop inlets and prevent sedimentation as needed. 3/23/07</p> <p>Continue to add or adjust controls in the large open area of exposed soil as needed. The area is mostly contained at this time. 3/23/07</p>	<p>NA</p> <p>CB controls were in place on 3/23/07 in response to the 3/19 inspection.</p> <p>Silt fence was installed proactively.</p>
Inland Wetland and Watercourse encroachment and mitigation	Two wetlands, 300 A and 300B, have been cleared and filled during the construction process, as permitted. 3/23/07	None at this time. Wetlands will be mitigated off-site. 3/23/07	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. 3/23/07	None. 3/23/07	NA

Areas of Inspection	Observation	Recommended Action	Corrected Action
Vegetative clearing or stabilization	Vegetation has been cleared within the limits of the substation site and along the newly re-located Shelland Street. Trees were stockpiled in several locations. The area of exposed soil is fairly extensive but the topography will likely contain most run-off. 3/23/07	None at this time. 3/23/07	NA
Dewatering	Dewatering is not being performed at this time. 3/23/07	None at this time. 3/23/07	NA
Blasting	No blasting is proposed at this time. 3/23/07	None at this time. 3/23/07	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. 3/23/07	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. 3/23/07	NA
Additional Observations	NA	NA	NA

Next likely scheduled inspection:

Friday March 30, 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: Lee Curtis, BSC Group

Reviewer: Diana Walden, BSC Group



Shelland Street (new location) was very muddy at the time of inspection and some sediment tracking was noted on Plains Rd. 3/19/07.



View of the clearing at the East Devon Substation site. 3/19/07.



A significant amount of mud was being tracked into the roadway at the western construction entrance off Plains Road. 3/19/07.



The catch basins along Plains Road were not protected with silt sacks or similar. Curb drop inlet protection was also not provided. 3/19/07.



Jersey barriers were in place along the western boundary of the substation site. 3/23/07.



View of the ongoing clearing and grading activities. 3/23/07.



Work associated with the relocation of Shelland Street continues. 3/23/07.



Silt saks were installed within the catch basins along Plains Road. Fabric was pulled over the curb inlets in some locations. 3/23/07.