

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: May 16, 2008

Inspector: Matt Kelly

Location: East Devon Substation

Rainfall: 0.50” of precipitation were recorded in the week since the last inspection with 0.49” of the total recorded on 5/16. (NOAA data at New Haven, CT).

Areas of Inspection	Observation	Recommended Action	Corrected Action
Access Roads and Adjacent Roadways	No sediment tracking/accumulation was noted on Plains Rd this week. 5/16/08	Continue to monitor for sediment tracking, sweep roadways as necessary, and maintain stone access pads at the entrances to reduce tracking. 5/16/08	Not Applicable (NA)
	“Silt Saks” remain intact within the Plains Rd catch basins. Curb inlet protection has not been provided in this area. 5/16/08	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. 5/16/08	NA
	“Silt saks” remain intact within the Shelland Street catch basins. 5/16/08	Continue to monitor. 5/16/08	NA
Foundation and site construction	Foundation work appears to be complete, but construction continues on site. 5/16/08	None at this time. 5/16/08	NA
Erosion and Sediment Controls	The retaining wall continues to contain soils and prevent off site sedimentation. 5/16/08	Continue to monitor and improve controls as necessary. 5/16/08	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
Eisenhower Park Mitigation Area	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. 5/16/08 Erosion control blankets have been removed from the mitigation site. The area appears stable at this time but exposed soils remain. 5/16/08	5/16/08 Continue to monitor until final stabilization is achieved. Exposed soils should be seeded if grass growth is not observed now that the plantings are complete. 5/16/08	NA
Inland Wetland and Watercourse encroachment and mitigation Eisenhower Park Mitigation Area	Two wetlands, 300 A and 300B, were cleared and filled during the construction process, as permitted. Construction of the associated wetland mitigation area appears to be complete at this time. 5/16/08 Dry overflow channels have been constructed on the western side of the mitigation site. During high water periods, floodwaters will flow through the channel to the Wepawaug River. 5/16/08	Continue to monitor mitigation areas until final stabilization is achieved. 5/16/08 None at this time. 5/16/08	Woody debris has been added to create wildlife habitat. NA
State species of concern, threatened and endangered species.	According to the D&M plan, state-listed species are not located in the substation area. 5/16/08	None. Please refer to the State species section in the 2b report for any work associated with Eisenhower Park. 5/16/08	NA
Vegetative clearing or stabilization	Vegetation has been cleared within the limits of the substation site and along the newly re-located Shelland Street. 5/16/08 Stone has been spread throughout the site for	None at this time. 5/16/08 Continue to monitor. 5/16/08	NA NA

Areas of Inspection	Observation	Recommended Action	Corrected Action
Eisenhower Park Mitigation Area	stabilization. 5/16/08		
	Grass growth continues within the detention basin. 5/16/08	Continue to monitor grass growth until final stabilization is achieved. 5/16/08	Grass growth noted
	Exposed soils have been re-graded in a portion of the vegetated swale and hay bale check dams remain at culvert inlets/outlets. Grass growth continues. 5/16/08	Continue to monitor and adjust existing controls until final stabilization is achieved. Evaluate additional stabilization options (e.g. EC mats, hay mulch, etc.) for the exposed portions of the swale. 5/16/08	Exposed soils have been re-graded in a portion of the vegetated swale and hay bale check dams remain at culvert inlets/outlets. Grass growth continues
	The bank of the mitigation area has been graded and stabilized with stone. 5/16/08.	Continue to monitor mitigation areas until final stabilization is achieved. 5/16/08	The bank of the mitigation area has been graded and stabilized with stone
	Wetland/upland tree species have been planted throughout the mitigation site. Plantings appear to be complete at this time. 5/16/08	Continue to monitor. 5/16/08	Wetland/upland tree species have been planted throughout the mitigation area
Dewatering	Dewatering is not being performed for substation work at this time. 5/16/08	None at this time. 5/16/08	NA
Blasting	No blasting is proposed at this time. 5/16/08	None at this time. 5/16/08	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. 5/16/08	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. 5/16/08	NA
Additional Observations	Sediment tracking from neighboring properties was noted on Plains Road in previous weeks. No	NA. Note for the record. 5/16/08	NA

Areas of Inspection	Observation	Recommended Action	Corrected Action
	sediment was observed this week. 5/16/08		

Next likely scheduled inspection: Thursday May 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 Substation (Milford): A view of a stone tracking pad at an entrance to the substation off Plains Rd. The spoil pile has been removed from the northeast corner of the substation.



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



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



East Devon Substation: A view of Plains Rd. This roadway is swept regularly, "Silt saks" remain within catch basins, but no inlet protection has been provided here.



Wetland Mitigation Site (Milford): A view of the southern end of the mitigation site.



Wetland Mitigation Site: A view of the northern end of the mitigation site. The bank of the mitigation site has been graded and stabilized with stone.



Wetland Mitigation Site: Wetland shrubs and trees have been planted throughout the site.



Wetland Mitigation Site: A view of the northern end of the mitigation site.



Wetland Mitigation Site: Dry overflow channels have been constructed.



Wetland Mitigation Site: An additional view of the overflow channel.



Wetland Mitigation Site: A view of the overflow channel and plantings along the western edge of the mitigation site.



Wetland Mitigation Site: Mallards paired on the mitigation site.