

Docket No. 424 – Development and Management Plan Inspection

The Connecticut Light and Power Company Certificate of Environmental Compatibility and Public Need for the Connecticut portion of the Interstate Reliability Project.

**Card Street Substation
 Interim Week Inspection:**

Date: November 22, 2013
Inspector: Francis J. Vacca, John M. Corbo
Rain Event: 0.11” on 11/22
Location: 141 Card Street, Lebanon, CT 06249

**Card Street Substation
 Bi-Week Submission Inspection:**

Date: November 29, 2013
Inspector: John M. Corbo
Rain Event: 2.58” on 11/27
Location: 141 Card Street, Lebanon, CT 06249

Work Observed
 None.

Work Observed
 None.

(Note: All temporary aerial work is complete. Work relative to IRP at Card Street Substation is now on winter hiatus. Based on conversations with Burns and McDonnell, work should not restart until early 2014)

Areas of Inspection	Observation:	Recommended Action:	Corrected Action:
Access Roads and Adjacent Roadways	<p>Card Street at access to Substation is clean and free of debris in accordance with the BMP Manual.</p> <p>Access to Substation is heavily tracked and compacted. Stormwater runoff channelization is beginning to occur along the access road, although it is contained to the roadway.</p>	<p>Continue to monitor access area to ensure vehicle tracking does not cause offsite sedimentation onto Card Street or adjacent sensitive area.</p>	<p>Not Applicable (NA)</p> <p>(11/29): Temporary substation work complete. No IRP work planned in SS until early 2014. There should be limited (if any) IRP traffic entering the substation through the winter months.</p>
Vegetative Clearing Limits (Including trees to save or danger trees noted.)	NA	NA	NA

Areas of Inspection	Observation:	Recommended Action:	Corrected Action:
Water Crossings	NA	NA	NA
Erosion and Sedimentation Controls	<p>Week 1 (11/22)</p> <p>The stone berm surrounding the perimeter of the substation remains in-place.</p> <p>There appears to be 3 main stormwater runoff outlets from the southwest edge of the substation to the wetland below. All three outlets were dry at the time of the inspection and visual observation of the area for any sediment staining suggests that both outlets flow free of erosion.</p> <p>There is an area of substation stone along the western fence of the substation that contains what appears to be a high percentage of fines.</p>	<p>NA</p> <p>Continue to monitor these outlets during and after significant rain events for erosion off the site into the wetland.</p> <p>Peter Lockwood of Burns and McDonnell indicated he would suggest a row of silt fence be installed along the fence in this area.</p>	<p>NA</p> <p>NA</p> <p>NA</p> <p>(11/29) Silted stone along western fence was replaced with clean stone.</p>
	<p>Week 2 (11/29)</p> <p>Rock staining from what appeared to be rock flour was observed in the swale on the southern edge of the substation.</p>	<p>Peter Lockwood of Burns and McDonnell indicated he would suggest a row of silt fence be installed along the southern substation fence in this area.</p>	<p>NA</p>
Inland Wetland and Watercourse encroachment and mitigation	<p>There is no work taking place in wetlands.</p>	<p>NA</p>	<p>NA</p>
Spills and Material Storage.	<p>All excavation stockpile being contained to lined dumpster and covered after work hours.</p> <p>Materials for project stored on site away from excavation, along southern and western substation fence.</p>	<p>Continue to follow this procedure.</p> <p>NA</p>	<p>NA</p> <p>NA</p>

Areas of Inspection	Observation:	Recommended Action:	Corrected Action:
Cultural Resources	NA	NA	NA
Rare, Threatened, and Endangered Species	NA	NA	NA
Additional Documentation Comments: Notes from 11/29/13: <ul style="list-style-type: none"> ▪ All temporary aerial work is complete. ▪ BSC will coordinate with Burns and McDonnell and the Siting Council to determine the inspection schedule for the remainder of the winter stand-down. 			

Next likely scheduled inspection: December 6, 2013

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.

Independent Field Inspector: John M. Corbo 11/29/2013

Owner's Field Inspector: _____

Reviewer: Paul M. Knapik 12/3/2013



Photo #1: View (facing west) of runoff outlet at southwestern edge of substation with no apparent sedimentation.



Photo #2: View (facing east) of Third (main) runoff outlet at southwestern edge of substation with no apparent sedimentation.



Photo #3: View (facing northeast) of first of two new Wood Pole H-frame Structures.



Photo #4: View (facing northwest) of second of two new Wood Pole H-frame Structures.



Photo #5: View (facing north) of heavily tracked and compacted entrance pad to substation with water channelization.



Photo #6: View (facing east) of Card Street, free of significant sediment from access.



Photo #1: View (facing west) of rock staining from rock flour on southwestern edge of substation.



Photo #2: View (facing northeast) of new, clean stone along western fence.



Photo #3: View (facing northwest) of Wood Pole H-frame Structures with aerial work complete.



Photo #4: View (facing west) of runoff outlet at southwestern edge of substation with slight rock staining from rock flour.



Photo #5: View (facing south) of entrance pad to substation.