

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:** December 5, 2013

**Inspector:** John M. Corbo

**Rain Event:** 0.02” on 12/05

**Location:** 141 Card Street, Lebanon, CT 06249

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

**Date:** December 12, 2013

**Inspector:** John M. Corbo

**Rain Event:** 2.0-3.0” of snow on 12/10

**Location:** 141 Card Street, Lebanon, CT 06249

**Work Observed**

ES Boulos electrical contractors working on aerial bus-way in the northern section of the substation (away from the newly installed wood pole structures. According to representatives from Burns & McDonnell, this work is not related to the Interstate project).

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Areas of Inspection	Observation:	Recommended Action:	Corrected Action:
<b>Access Roads and Adjacent Roadways</b>	<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.</p> <p><b>12/12:</b> Snow covers all surfaces in and around substation.</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>NA</p>	<p>Not Applicable (NA)</p> <p>NA</p>
<b>Vegetative Clearing Limits (Including trees to save or danger trees noted.)</b>	NA	NA	NA

Areas of Inspection	Observation:	Recommended Action:	Corrected Action:
<b>Water Crossings</b>	NA	NA	NA
<b>Erosion and Sedimentation Controls</b>	<p><b>Week 1 (12/5)</b></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>NA</p> <p>Continue to monitor these outlets during and after significant rain events for erosion off the site into the wetland.</p>	<p>NA</p> <p>NA</p>
	<p><b>Week 2 (12/12)</b></p> <p>Site is snow covered and stable. No apparent signs of sediment discharge from the site.</p>	NA	NA
<b>Inland Wetland and Watercourse encroachment and mitigation</b>	<p>All flow running out of site appears to be free of sediment; there is no erosion entering wetland.</p> <p>There is no work taking place in wetlands.</p> <p><b>12/12:</b> Ground around substation is frozen.</p>	<p>NA</p> <p>NA</p> <p>NA</p>	<p>NA</p> <p>NA</p> <p>NA</p>
<b>Spills and Material Storage.</b>	<p>The excavation stockpile from the interstate temporary bus work remains on-site in a lined, covered dumpster.</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:
<b>Cultural Resources</b>	NA	NA	NA
<b>Rare, Threatened, and Endangered Species</b>	NA	NA	NA
<b>Additional Documentation Comments:</b>  <b>Notes from 12/05/13:</b> <ul style="list-style-type: none"> <li>▪ All temporary aerial work is complete.</li> <li>▪ All areas associated with temporary bus work are stable in accordance with BMP Manuel.</li> <li>▪ BSC will coordinate with Burns and McDonnell and the Siting Council to determine the inspection schedule for the remainder of the winter stand-down.</li> </ul> <b>Notes from 12/12/13:</b> <ul style="list-style-type: none"> <li>▪ All temporary aerial work is complete.</li> <li>▪ All areas associated with temporary bus work are stable in accordance with BMP Manuel.</li> <li>▪ BSC awaiting determination from Siting Council on winter stand-down of independent environmental inspection.</li> </ul>			

**Next likely scheduled inspection:** December 19, 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 12/12/2013

**Owner's Field Inspector:** \_\_\_\_\_

**Reviewer:** Francis J. Vacca, Paul M. Knapik 12/13/2013



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



Photo #2: View (facing west) 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 and contained, covered stockpile dumpster (left background of photo).



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.



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





Photo #7: View (facing south) of electrical contractors working on aerial bus-way on north side of substation.



Photo #1: View (facing west) of southwestern edge of substation.



Photo #2: View (facing southwest) of frozen wetland swale at southwestern edge of substation with no apparent sedimentation.





Photo #3: View (facing west) of runoff outlet at southwestern edge of substation.



Photo #4: View (facing west) of third (main) runoff outlet at southwestern edge of substation with no apparent sedimentation.





Photo #5: View (facing north) of frozen and stable entrance to substation.



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



Photo #7: View (facing northwest) of contractors working on aerial bus-way on north side of substation. (not project related)