

**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.

**IRP Overhead ROW**

**Interim Week Inspection:**

**Date:** December 23, 2014

**Inspector:** Francis J. Vacca, P.E.

**Rain Event:** 0.46” on 12/17/14

**Locations Inspected** (by Town, Map Sheet, and Structure Number/Site – reference Feb., 2014 D&M Plans):  
Hampton, CT: MS 24-31 of 66 (Str. 124-161)  
Brooklyn, CT: MS 31-44 of 66 (Str. 161-223)

**Work Observed:** (by Map Sheet and Structure Number / Site)

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**MS28, Str 148:** Pad Clean-up for holiday. (photo 1)

**MS30, Str 160:** Structure Erection. (Photo 4)

**MS32, Str 166:** Drill rig maintenance.

**MS35, Str 183:** Drilling Operations. (photo 8)

**IRP Overhead ROW**

**Bi-Weekly Week Inspection:**

**Date:** Week of December 29, 2014

**Inspector:**

**Rain Event:**

**Locations Inspected** (by Town, Map Sheet, and Structure Number/Site – reference Feb., 2014 D&M Plans):

**Work Observed:** (by Map Sheet and Structure Number / Site)

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**(Christmas/ New Year Holiday: No Work)**

<b>Areas of Inspection</b>		<b>Observation:</b>	<b>Recommended Action:</b>	<b>Corrected Action:</b>
<b>Access Roads and Adjacent Roadways</b>	<b>Interim Week (12/23)</b>	Adjacent roadways clear and free of sediment at all visited sites.  In general, ROW access roads contain a 1/2" to 1" layer of mud along their surface. (photo 11)	Continue to follow this procedure.  Continue to monitor access roads to ensure sediment does not wash into sensitive areas during a rain event.	NA  N. Ganacoplos indicated he would continue to monitor access roads for deterioration.
	<b>Bi-Week (12/29)</b>			
<b>Vegetative Clearing Limits (Including trees to save or danger trees noted.)</b>	<b>Interim Week (12/23)</b>	Mechanical clearing along I.R.P. ROW is complete.	NA	NA
	<b>Bi-Week ( 12/29)</b>			
<b>Water Crossings</b>	<b>Interim Week (12/23)</b>	All crossings appear to be functioning in accordance with the BMP Manual. No sediment appears to be entering the streams or wetlands.	Continue to follow this procedure.	NA

	Bi-Week (12/29)			
Erosion and Sedimentation Controls	Interim Week (12/23)	<p>Noted that stockpile areas along ROW are being surrounded with straw wattles and stabilized with blown straw.</p> <p><b>Str 157:</b> Side swale check dams and Sedimentation trap functioning in accordance with BMP manual. (Photo 2-3)</p>	<p>Continue to follow this procedure.</p> <p>NA</p>	NA
	Bi-Week (12/29)			
Inland Wetland and Watercourse encroachment and mitigation	Interim Week (12/23)	<p>Mat installations in wetland areas are in accordance with the BMP Manual.</p>	<p>Continue to follow this procedure.</p>	NA
	Bi-Week (12/29)			
Spills and Material Storage.	Interim Week (12/23)	<p>Spill kits noted on all visited sites.</p> <p><b>Str 160:</b> Observed minor petroleum based spill (less than a pint) on Pad 160 from chainsaw fueling. (Photo 5-6)</p>	<p>Continue to follow this procedure.</p>	<p>NA</p> <p>Crews immediately contained Spill with spill materials.</p>

	Bi-Week (12/16)	Spill kits noted on all visited sites.	Continue to follow this procedure.	NA
Cultural Resources	Interim Week (12/11)	Pads in cultural areas are being installed with a geotextile separation fabric and sand buffer layer prior to the installation of the pad material.  <b>Str 183:</b> Contractor taking extra care around the many rock features in this area.	NA  Continue to follow this procedure.	NA  NA
	Bi-Week (12/16)			
Rare, Threatened, and Endangered Species	Interim Week (12/11)	NA	NA	NA
	Bi-Week (12/16)	NA	NA	NA
<b>Additional Documentation Comments:</b> <b>Notes for 12/23/2014:</b> <ul style="list-style-type: none"> <li>• Drilling operations ongoing at Str 183.</li> <li>• Construction pads for structure assembly and erection that were removed, with their areas restored to original grades and slopes: Str 22, 84-100, and 269-270.</li> <li>• Due to the Christmas holiday, project will be shut down with no work from December 24<sup>th</sup> through January 5<sup>th</sup>.</li> </ul> <b>Notes for 12/29/2014:</b>				


**Open Items from previous inspections:**

**Closed Items from previous inspections:**

**Next likely scheduled inspection:** January 7, 2015

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:**

 12/23/2014

**Owner's Field Inspector:**

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**Reviewer:**

Paul Knapik 12/30/2014



Photo #1: Crew preparing to clean up Str 168 for holiday shutdown.



Photo #2: Check-dams functioning according to BMP manual down line of Str 157.





Photo #3: Straw bale reinforced silt fence at discharge point downtime of Str 157.



Photo #4: Crew preparing for Str 160 erection.





Photo #5: Observed Petroleum based spill on pad 160.



Photo #6: Crew immediately contained and cleaned up the area.





Photo #7: child pool apparent under equipment on Pad 166.



Photo #8: Rock coring for Str 183.





Photo #9: All cultural resource areas identified and protected in the vicinity of Str 183



Photo #10: Erosion Controls and timber mat retaining wall down-line of Str 183.



Photo #11: Evidence of muddy access roads.