

**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:** October 29, 2015

**Inspector:** Matt Stephan, E.I.T.

**Rain Event:** 1.9” on Wednesday, October 28

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

Mansfield, CT: MS 8-17 of 66 (Str. 36-91)  
Chaplin, CT: MS 18-23 of 66 (Str. 92-123)

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

**MS8-9, Str 44-49: Final Site Inspection.** (Site not yet permanently stabilized)

**MS9-10, Str 50-55: Final Site Inspection.** (Site not yet permanently stabilized)

**MS11-12, Str 57-65: Final Site Inspection.**

**MS12-14, Str 66-72: Final Site Inspection.** (Site not yet permanently stabilized)

**MS14, Str 73-75: Final Site Inspection.** (Site not yet stabilized)

**MS14, Str 76-77: Final Site Inspection.**

**MS15, Str 78-81: Final Site Inspection.**

**MS15, Str 82-83: Final Site Inspection.**

**MS16, Str 84-86: Final Site Inspection.**

**MS16-17, Str 87-88: Final Site Inspection.**

**MS19-21, Str 102-109: Final Site Inspection.** (Site not yet permanently stabilized)

**MS21, Str 110-112: Final Site Inspection.**

**IRP Overhead ROW**

**Bi-Weekly Week Inspection:**

**Date:** November 5, 2015

**Inspector:** Matt Stephan, E.I.T.

**Rain Event:** None

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

Chaplin, CT: MS 18-23 of 66 (Str. 92-123)  
Hampton, CT: MS 24-31 of 66 (Str. 124-161)  
Brooklyn, CT: MS 31-44 of 66 (Str. 162-223)

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

**MS21-23, Str 113-120: Final Site Inspection.** (Site not yet permanently stabilized) (Photo 11)

**MS23-24, Str 121-125: Final Site Inspection.** (Photo 12)

**MS24-27, Str 126-140: Final Site Inspection.** (Site not yet permanently stabilized) (Photo 13)

**MS27, Str 141: Final Site Inspection.**

**MS27, Str 142: Final Site Inspection.**

**MS27, Str 143: Final Site Inspection.**

**MS27-28, Str 144-146: Final Site Inspection.**

**MS28-29, Str 147-153: Final Site Inspection.** (Site not yet permanently stabilized)

**MS29-30, Str 154-160: Final Site Inspection.** (Site not yet permanently stabilized)

**MS31-32, Str 161-166: Final Site Inspection.** (Site not yet permanently stabilized)

<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 (10/29)</b>	All observed access roads and ROW's appear to be in accordance with the BMP Manual.  All sections where access road has been removed appear to be in accordance with the BMP Manual.	Continue to follow this procedure.  NA	NA  NA
	<b>Bi-Week (11/5)</b>	All observed access roads and ROW's appear to be in accordance with the BMP Manual.  All sections where access road has been removed appear to be in accordance with the BMP Manual.	Continue to follow this procedure.  NA	NA  NA
<b>Vegetative Clearing Limits (Including trees to save or danger trees noted.)</b>	<b>Interim Week (10/29)</b>	NA	NA	NA
	<b>Bi-Week (11/5)</b>	NA	NA	NA
<b>Water Crossings</b>	<b>Interim Week (10/29)</b>	All observed water crossings have been removed.	NA	NA

	<b>Bi-Week (11/5)</b>	All observed water crossings have been removed.	NA	NA
<b>Erosion and Sedimentation Controls</b>	<b>Interim Week (10/29)</b>	All silt fence removal at restored and stabilized sites appears to be in accordance with the BMP Manual.  Observed areas with sections of silt fence left behind after restoration.	Continue to follow this procedure.  Remove all silt fence from restored and stabilized areas.	NA  T. Ramborger indicated that Northern is revisiting all sites to search for any forgotten site controls.
	<b>Bi-Week (11/5)</b>	All silt fence removal at restored and stabilized sites appears to be in accordance with the BMP Manual.  Observed areas with sections of silt fence left behind after restoration. (Photos 3, 5, 8, 9 )  Str 113-114 access road: Observed sedimentation basin (a permanent BMP) with a large deposit of sediment. (Photo 7)	Continue to follow this procedure.  Recommend removal of silt fence at all stabilized sites.  Recommend removing all sediment from basin.	NA  T. Ramborger indicated that he would notify Northern of all sites with silt fence left behind.  NA
	<b>Interim Week (10/29)</b>	All observed access road and wetland crossings encroaching in the wetlands have been removed. No permanent BMP's have been observed in these areas.	Continue to follow this procedure.	NA
<b>Inland Wetland and Watercourse encroachment and mitigation</b>	<b>Bi-Week (11/5)</b>	Str 154: T. Ramborger indicated that his map showed the rip rap outlet control for the culvert (a permanent BMP) to be encroaching in a wetland. (Photo 10)	Location of encroachment may require survey delineation to verify official edge of wetland line. If encroachment into wetland does occur, recommend seeking direction from the CSC for a permanent solution.	Follow-up information from the compliance team provided that the culvert and the corresponding rip rap outlet control have been approved as wetland fill per CT DEEP permit special condition 10. No further action is required.

<b>Spills and Material Storage.</b>	<b>Interim Week (10/29)</b>	NA	NA	NA
	<b>Bi-Week (11/5)</b>	NA	NA	NA
<b>Cultural Resources</b>	<b>Interim Week (10/29)</b>	NA	NA	NA
	<b>Bi-Week (11/5)</b>	NA	NA	NA
<b>Rare, Threatened, and Endangered Species</b>	<b>Interim Week (10/29)</b>	NA	NA	NA
	<b>Bi-Week (11/5)</b>	NA	NA	NA

**Additional Documentation Comments:**

**Notes for 10/29/2015:**

- BSC will continue to work up-line inspecting each structure from 1-337 for the remainder of their involvement in the project. All sites will be checked for remaining debris and E&S controls, as well as inspection of the BMP's that are to remain. A spreadsheet will be prepared and submitted as an attachment in the final report that specifies all BMP's that are to remain at each structure. Photos of notable BMP's to remain may be included in the bi-weekly reports.
  
- Areas of IRP Project considered complete and permanently stabilized:
  - CSSS, LRSS, KSS, Windham Materials Laydown areas 1 and 2, River Road Laydown yard, 87 Boston Post Road Laydown Yard, Industrial Park Road Laydown yard
  - Structures: 1-38, 56-65, 76-101, 121-125, 141-146, 187-188, 200, 216-221.
  
- Structures with final site inspection by BSC:
  - Structures: 1-112.

**Notes for 11/5/2015:**

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  - Structures: 1-38, 56-65, 76-101, 121-125, 141-146, 187-188, 200, 216-221.
  
- Structures with final site inspection by BSC:
  - Structures: 1-166.

**Culvert Installation Monitoring Table**

	Type	Stream Culverted	Map Number	Closest Structure	Status	Start Date	Finish Date
<b>1</b>	New	S20-8	9	47	Installed	8/13/15	8/13/15
<b>2</b>	New	S20-28	22	117	Installed	8/26/15	8/27/15
<b>3</b>	New	S20-29	22	120	Installed	8/24/15	8/25/15
<b>4</b>	New	S20-35	26	136	Installed	9/3/15	9/4/15
<b>5</b>	New	S20-36	27	139-140	Installed	9/1/15	9/2/15
<b>6</b>	New	S20-41A	29	154	Installed	9/9/15	9/11/15
<b>7</b>	Replacement	S20-18	13	71-72	Replaced	10/9/15	10/9/15
<b>8</b>	Replacement	S20-42B	36	186	Replaced	7/23/15	7/23/15
<b>9</b>	Replacement	S20-53	44	221-222	Replaced	9/15/15	9/21/15

**Next likely scheduled inspection:** November 12, 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:** Matt Stephan 11/5/2015

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

**Reviewer:** Paul W. Vincent 11/20/2015



Photo #1: Stone water bar to remain on access road between Str 44 and 45. (10/29)



Photo #2: Culvert and rip-rap outlet protection to remain on Str 47 access road. (10/29)



Photo #3: Silt fence left behind along pulling pad between Str 71 and 72. (10/29)



Photo #4: Large sedimentation basin with stone drainage swale to remain on access road between Str 104 and 105. (10/29)



Photo #5: Silt fence left behind at Str 104. (10/29)



Photo #6: Section of removed and stabilized access road to Str 87. Typical of all observed access road restoration. (10/29)



Photo #7: Recommend removing sediment from basin located on Str 113-114 access road. (11/5)



Photo #8: Section of silt fence left behind at Str 123-124. (11/5)



Photo #9: Long section of silt fence left behind at Str 124. (11/5)



Photo #10: Str 154: Rip rap outlet protection crosses wetland line according to T. Ramborger's map. (11/5)



Photo #11: Str 120: Typical restoration progress for Str 113-120. Site not permanently stabilized. (11/5)



Photo #12: Str 121: Typical restoration progress for Str 121-125. Site stabilized. (11/5)



Photo #13: Str 131: Typical restoration progress for Str 126-140. Site not permanently stabilized. (11/5)



Photo #14: Large stone drainage swale to remain as a permanent BMP at Str 154. (11/5)