

**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 2, 2015

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

**Rain Event:** 2.5" on Wednesday, September 30

**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)

Hampton, CT: MS 24-31 of 66 (Str. 124-161)

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

**MS14, Str 72:** Restoration Operations. (Photo 1)

**MS19, Str 103:** Restoration Operations. (Photo 2)

**MS20, Str 105:** Pad Restoration - Mat Removal/Access Road Construction. (Photo 3,6)

**MS24, Str 127:** Restoration Operations. (Photo 4)

**MS25, Str 129:** Restoration Operations. (Photo 5)

**IRP Overhead ROW**

**Bi-Weekly Week Inspection:**

**Date:** October 9, 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):

Mansfield, CT: MS 8-17 of 66 (Str. 36-91)

Brooklyn, CT: MS 31-44 of 66 (Str. 162-223)

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

**MS14, Str 72:** Restoration Operations – Earthwork and Re-grading. (Photo 7)

**MS14, Str 73-74:** Temporary stabilization with blown straw. (Photo 8)

**MS14, Str 73:** Restoration Operations – Earthwork and Re-grading. (Photo 9)

**MS10, Str 56:** Site Restored – **Final Site Inspection.** (Photo 10)

**MS10, Str 52:** Restoration Operations – Removal of construction stone from Pad. (Photo 11)

**MS7, Str 36:** Site Restored – **Final Site Inspection.** (Photo 12)

**MS7, Str 37:** Site Restored – **Final Site Inspection.** (Photo 13)

**MS35, Str 180:** Restoration Operations – Removal of construction stone from Pad. (Photo 14)

**MS35, Str 181:** Restoration Operations – Site Awaiting Temporary Stabilization Measures. (Photo 15)

<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 (10/2)</b>	All observed access roads and ROW's appear to be in accordance with the BMP Manual.	Continue to follow this procedure.	NA
		All observed access road removal appears to be in accordance with the BMP Manual.	Continue to follow this procedure.	NA
		The mats on the Str 105 access road have been removed and a permanent gravel road is being installed in its place. (Photo 6)	NA	NA
	<b>Bi-Week (10/9)</b>	All observed access roads and ROW's appear to be in accordance with the BMP Manual.	Continue to follow this procedure.	NA
		All observed access road removal appears to be in accordance with the BMP Manual.	Continue to follow this procedure.	NA
<b>Vegetative Clearing Limits (Including trees to save or danger trees noted.)</b>	<b>Interim Week (10/2)</b>	Mechanized Clearing along IRP ROW complete.	NA	NA
	<b>Bi-Week (10/9)</b>	Mechanized Clearing along IRP ROW complete.	NA	NA
<b>Water Crossings</b>	<b>Interim Week (10/2)</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

	<b>Bi-Week (10/9)</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
<b>Erosion and Sedimentation Controls</b>	<b>Interim Week (10/2)</b>	All observed site controls appear to be functioning as intended and in accordance with the BMP Manual.  T. Ramborger indicated that on Wednesday - 9/30, during the heavy rainfall, there were no reported issues from any of the EI's.	Continue to follow this procedure.  NA	NA  NA
	<b>Bi-Week (10/9)</b>	All observed site controls appear to be functioning as intended and in accordance with the BMP Manual.  Observed an area of damaged silt fence at Str 181. Crewman on site indicated that a loose rock caused the damage. (Photo 16)	Continue to follow this procedure.  Repair area of rock damage ASAP	NA  Crewman indicated that the E&S team had been contacted and were on their way.
<b>Inland Wetland and Watercourse encroachment and mitigation</b>	<b>Interim Week (10/2)</b>	Mat installations in wetland areas and removal of mats from wetland areas are in accordance with the BMP Manual.	Continue to follow this procedure.	NA
	<b>Bi-Week (10/9)</b>	Mat installations in wetland areas and removal of mats from wetland areas are in accordance with the BMP Manual.	Continue to follow this procedure.	NA

<b>Spills and Material Storage.</b>	<b>Interim Week (10/2)</b>	NA	NA	NA
	<b>Bi-Week (10/9)</b>	NA	NA	NA
<b>Cultural Resources</b>	<b>Interim Week (10/2)</b>	Cultural areas protected in accordance with D&M Plans.	Continue to follow this procedure.	NA
	<b>Bi-Week (10/9)</b>	Cultural areas protected in accordance with D&M Plans.	Continue to follow this procedure.	NA
<b>Rare, Threatened, and Endangered Species</b>	<b>Interim Week (10/2)</b>	NA	NA	NA
	<b>Bi-Week (10/9)</b>	NA	NA	NA

**Additional Documentation Comments:**

**Notes for 10/2/2015:**

- 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.

**Notes for 10/9/2015:**

- 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.
  
- Permanently stabilized structure areas reviewed by BSC and removed from weekly inspection:
  - Structures: 36-37, 56.

**Culvert Installation Monitoring Table**

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

**Next likely scheduled inspection:** October 15, 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:**     *Math Stephen*    10/9/2015

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

**Reviewer:**     *Paul M. Vignola*    11/9/2015



Photo #1: Re-grading and general earthwork at Str 72 as part of restoration operations. (10/2)



Photo #2: Re-grading and general earthwork at Str 103 as part of restoration operations. (10/2)



Photo #3: Str 105 seeded and temporarily stabilized with straw. (10/2)



Photo #4: Re-grading and general earthwork at Str 127 as part of restoration operations. (10/2)



Photo #5: Restoration operations at Str 129. (10/2)



Photo #6: Str 105-106 access road being constructed as mats are removed. (10/2)





Photo #7: Earthwork and re-grading at Str 72. (10/9)



Photo #8: Blowing straw around pull pad between Str 73 and 74. (10/9)



Photo #9: Earthwork and re-grading at Str 73. (10/9)



Photo #10: Final site inspection of Str 56. Site fully restored and permanently stabilized. (10/9)



Photo #11: Construction pad removal from Str 52 area. (10/9)



Photo #12: Final site inspection of Str 36. Site fully restored and permanently stabilized. (10/9)



Photo #13: Final site inspection of Str 37. Site fully restored and permanently stabilized. (10/9)



Photo #14: Removal of stone from Str 180 pad. (10/9)



Photo #15: Site re-graded and awaiting temporary stabilization. (10/9)



Photo #16: Silt fence torn by loose boulder. (10/9)