

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 11, 2014

Inspector: John Corbo, E.I.T.

Rain Event: 1.65" on 12/03/14

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

Card Street Substation, Lebanon CT (CSSS)
Lebanon, CT: MS 1 of 66 (Str. 1-6)
Hampton, CT: MS 24-31 of 66 (Str. 124-161)
Brooklyn, CT: MS 31-44 of 66 (Str. 161-223)
Killingly, CT: MS 47-50 (Str. 240-255)
Killingly Substation, Killingly, CT (KS): MS 54
Putnam, CT: MS 54-63 (Str. 273-318)

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

MS31, Str 161: Drilling operations. (Photo 8)

MS35, Str 182: Drilling operations.

MS58, Str 241 & 243: Pouring of concrete foundation at Str 241. Concrete wash-out area at Str 243. (Photo 5)

MS61, Str 309: Installation of access road, delivery of construction materials.

MS62, Str 315-316: Installation of access road, Delivery of construction materials. (Photo 2 & 3)

IRP Overhead ROW

Bi-Weekly Week Inspection:

Date: December 16, 2014

Inspector: John Corbo, E.I.T.

Rain Event: 0.22" on 12/11/14

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)
Brooklyn, CT: MS 31-44 of 66 (Str. 162-223)
Pomfret, CT: MS 44-47 (Str. 224-239)
Putnam, CT: MS 54-63 (Str. 273-318)

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

MS14, Str 74: Wire sagging operations.

MS20, Str 104: Reclamation and restoration, removal of wetland mats and cleaning of debris. (Photo 7)

MS31, Str 162: Drilling operations.

MS32, Str 169: Drilling operations.

MS35, Str 182: Drilling operations.

MS37, Str 192: Drilling operations.

MS38, Str 197-198: Hammering rock up-line of Str 197.

MS45, Str 230: Edge of ROW trimming up-line of Str 230.

MS60, Str 305: Installation of structure pad utilizing timber mats. (Photo 6)

MS61, Str 308: Delivery of construction materials, grading and compacting of pad.

MS62-63, Str 315-317: Striping of topsoil for access road and installation of silt fence at Str 317. Delivery of construction materials, grading and compacting of Str pad 316. (Photo 1 & 4)

Areas of Inspection		Observation:	Recommended Action:	Corrected Action:
Access Roads and Adjacent Roadways	Interim Week (12/11)	Adjacent roadways clear and free of sediment at all visited sites.	Continue to follow this procedure.	NA
	Bi-Week (12/16)	Adjacent roadways clear and free of sediment at all visited sites.	Continue to follow this procedure.	NA
Vegetative Clearing Limits (Including trees to save or danger trees noted.)	Interim Week (12/11)	Machinery based ROW clearing along the CT portion of IRP is complete.	NA	NA
	Bi-Week (12/16)	Machinery based ROW clearing along the CT portion of IRP is complete.	NA	NA
Water Crossings	Interim Week (12/11)	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 (12/16)	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
Erosion and Sedimentation Controls	Interim Week (12/11)	Noted that stockpile areas along ROW are being surrounded with straw wattles and stabilized with blown straw. Str 315-316: Observed plunge pool and hay bale reinforced silt fence to prevent erosion between Str pads 315 & 316. Observed hay bales installed incorrectly on edge of plunge pool before crossing Munson Brook from Str 315. (Photo 2 & 3)	Continue to follow this procedure. Hay bales need to be rotated 90 degrees so strings are not touching the ground.	NA Northern Crew indicated that they intend to fix the hay bales later that day.
	Bi-Week (12/16)	Str 315-317: Observed hay bales re-installed correctly on edge of plunge pool before crossing Munson Brook from Str 315. Observed installation of silt fence. (Photo 1 & 4)	Continue to follow this procedure.	NA
Inland Wetland and Watercourse encroachment and mitigation	Interim Week (12/11)	Mat installations in wetland areas are in accordance with the BMP Manual.	Continue to follow this procedure.	NA
	Bi-Week (12/16)	Mat installations in wetland areas are in accordance with the BMP Manual.	Continue to follow this procedure.	NA

Spills and Material Storage.	Interim Week (12/11)	Spill kits noted on all visited sites. Str 161: Noted child pools under drilling machinery for precautionary measures. (Photo 8)	Continue to follow this procedure. Continue to follow this procedure.	NA NA
	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.	NA	NA
	Bi-Week (12/16)	Pads in cultural areas are being installed with a geotextile separation fabric and sand buffer layer prior to the installation of the pad material.	NA	NA
Rare, Threatened, and Endangered Species	Interim Week (12/11)	NA	NA	NA
	Bi-Week (12/16)	NA	NA	NA

Additional Documentation Comments:

Notes for 12/11/2014:

- Drilling operations ongoing at Str 161 and Str 182.
- 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.

Notes for 12/16/2014:

- Drilling operations ongoing at Str 162, Str 169, Str 182 and Str 192.
- Str 104: Construction pad 104 has been removed, restored and stabilized to their original, pre-construction grades and slopes. (Photo 7)
- Construction pads for structure assembly and erection that were removed, with their areas restored to original grades and slopes: Str 22, 84-100, 104, and 269-270.

Open Items from previous inspections:

Closed Items from previous inspections:

Next likely scheduled inspection:

December 23, 2014

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, EIT 12/15/2014

Owner's Field Inspector: _____

Reviewer: Paul Knapik 12/29/2014



Photo #1: Observed installation of silt fence at Str 317. (12/16)



Photo #2: Observed plunge pool, armored water bar and hay bale reinforced silt fence up-line of Str 315. (12/11)



Photo #3: Observed hay bales installed incorrectly on edge of plunge pool up-line of Str 315. (12/11)



Photo #4: Observed hay bales re-installed correctly on edge of plunge pool up-line of Str 315. (12/16)



Photo #5: Observed concrete wash-out upland at Str 243. (12/11)



Photo #6: Building of Str pad 305 with timber mats in wetland. (12/16)



Photo #7: Removal of wetland mats and restoring to pre-construction grades and slopes at Str 104. (12/16)



Photo #8: Observed child pool under drilling machinery for precautionary measures at Str 161. (12/11)