

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: February 4, 2015

Inspector: Francis J. Vacca, P.E.
Matt Stephan, E.I.T.

Rain Event: 12” snow on 2/3/15

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. 162-223)
Pomfret, CT: MS 44-47 (Str. 224-239)
Killingly, CT: MS 47-50 (Str. 240-255)
Killingly, CT: MS 52-54 (Str. 262-272)
Putnam, CT: MS 54-63 (Str. 273-318)

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

MS24, Str 124: Conductor Stringing. (Photo 1)
MS27, Str 141: Conductor Stringing. (Photos 2-3)
MS36, Str 187: Structure Erection. (Photo 4)
MS38, Str 197: Rock Core Drilling Operations. (Photo 5)
MS45, Str 225: Drilling Operations.
MS44, Str 223: Drilling Operations.
MS42, Str 218: Drilling Operations.
MS48, Str 246: Drilling Operations.
MS53, Str 264: Drilling Operations.
MS58, Str 291: Concrete Foundation Pour. (Photo 6)

IRP Overhead ROW

Bi-Weekly Week Inspection:

Date: February 11, 2015

Inspector: Matt Stephan, E.I.T.

Rain Event: 12” snow on 2/9/15

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. 162-223)
Putnam, CT MS 51-52 (Str. 256-261)
Killingly, CT: MS 52-54 (Str. 262-272)
Putnam, CT: MS 54-63 (Str. 273-318)

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

MS24, Str 126: Snow Removal. (Photo 10)
MS27, Str 143: Preparations for pulling cable. (Photo 11)
MS32, Str 167: Preparations for pulling cable.
MS38, Str 197: Structure Erection. (Photo 12)
MS38, Str 199: Drilling Operations (Photo 13)
MS39, Str 201: Snow Removal.
MS52, Str 259: Drilling Operations.
MS44, Str 223: Demobilizing. (Photo 14)
MS48, Str 247: Drilling Operations.
MS49, Str 253: Snow Removal.
MS52, Str 262: Drilling Operations.
MS55, Str 277: Drilling Operations.
MS61, Str 307: Drilling Operations.

| Areas of Inspection | | Observation: | Recommended Action: | Corrected Action: |
|--|---------------------------|---|------------------------------------|--------------------------|
| Access Roads and Adjacent Roadways | Interim Week (2/4) | Observed snow clearing in accordance with D&M plan. | Continue to follow this procedure. | NA |
| | Bi-Week (2/12) | Observed snow clearing in accordance with D&M plan. | Continue to follow this procedure. | NA |
| Vegetative Clearing Limits (Including trees to save or danger trees noted.) | Interim Week (2/4) | Mechanized Clearing along IRP ROW complete. | NA | NA |
| | Bi-Week (2/12) | Mechanized Clearing along IRP ROW complete. | NA | NA |
| Water Crossings | Interim Week (2/4) | 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 |

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| | Bi-Week (2/12) | 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 (2/4) | Majority of site controls buried in snow. Visited areas of the ROW are stabilized due to frozen ground and accumulated snow. | NA NA | NA NA |
| | Bi-Week (2/12) | Majority of site controls buried in snow. Visited areas of the ROW are stabilized due to frozen ground and accumulated snow. | NA NA | NA NA |
| Inland Wetland and Watercourse encroachment and mitigation | Interim Week (2/4) | Mat installations in wetland areas are in accordance with the BMP Manual. Observed the approved use of sand on wetland mats. | Continue to follow this procedure. Continue to follow this procedure. | NA NA |
| | Bi-Week (2/12) | Mat installations in wetland areas are in accordance with the BMP Manual. Observed the approved use of sand on wetland mats. | Continue to follow this procedure. Continue to follow this procedure. | NA NA |

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| Spills and Material Storage. | Interim Week (2/4) | <p>Str 191: Observed apparent petroleum-based sheen on timber mat. T. Ramborger indicated that the sheen is contained on the timber mat and therefore is not a spill to the environment. As a result, the leak does not require a spill report (call-in) to CT DEEP. (Photo 7)</p> <p>Str 197: Observed area of spill that occurred on 1/30/15 completely cleaned of any evidence of spill. T. Ramborger indicated that McVac arrived to the area of the spill shortly after being alerted and promptly cleaned all affected areas. (Photos 8-9)</p> <p>Spill kits noted on all visited sites.</p> <p>Str 264: Observed child pool beneath Drill.</p> | <p>NA</p> <p>NA</p> <p>Continue to follow this procedure.</p> <p>Continue to follow this procedure.</p> | <p>T. Ramborger notified appropriate parties on the drill crew to clean up the petroleum based leak.</p> <p>NA</p> | |
| | Bi-Week (2/12) | <p>Spill kits noted on all visited sites.</p> <p>Str 277: Observed child pool on site. (Photo 15)</p> | <p>Continue to follow this procedure.</p> <p>Continue to follow this procedure.</p> | <p>NA</p> <p>NA</p> | |
| | Cultural Resources | Interim Week (2/4) | <p>Cultural areas protected in accordance with D&M Plans.</p> | <p>NA</p> | <p>NA</p> |
| | Bi-Week (2/12) | <p>Cultural areas protected in accordance with D&M Plans.</p> | <p>NA</p> | <p>NA</p> | |

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| Rare, Threatened, and Endangered Species | Interim Week (2/4) | NA | NA | NA |
| | Bi-Week (2/12) | NA | NA | NA |
| Additional Documentation Comments: Notes for 2/4/2015: <ul style="list-style-type: none"> • Areas of IRP Project considered complete and permanently stabilized: <ul style="list-style-type: none"> - CSSS, LRSS, Windham Materials Laydown areas 1 and 2. Notes for 2/12/2015: <ul style="list-style-type: none"> • Visited Putnam Laydown yard. Area appears to be visually stable. | | | | |
| Open Items from previous inspections: Closed Items from previous inspections: | | | | |

Next likely scheduled inspection: February 19, 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 2/11/2015

Owner's Field Inspector: _____

Reviewer: Francis J. Vacca, P.E. 2/16/2015



Photo #1: Conductor lead stringing up-line of Str 124. (2/4)



Photo #2: Conductor lead stringing with helicopter at Str 141(2/4)



Photo #3: Conductor lead stringing with helicopter up-line of Str 141. (2/4)



Photo #4: Structure 187 Erection. (2/4)



Photo #5: Rock core drilling operation with mechanical head drill rig for Str 197.(2/4)



Photo #6: Concrete pour for structure 291 foundation. (2/4)



Photo #7: Area of petroleum leak on mats at Str 291 (2/4)



Photo #8: Area of diesel spill before cleanup up-line of Str 197. (1/30)



Photo #9: No visual evidence of the spill that occurred on 1/30/15 up-line of Str 197. (2/4)



Photo #10: Snow removal in accordance with D&M Plans at Str 126. (2/11)



Photo #11: Preparation for pulling cable at Str 143. (2/11)



Photo #12: Structure Erection at Str 197. (2/11)



Photo #13: Drilling Operations at Str 199. (2/11)



Photo #14: Demobilization at Str 223. (2/11)



Photo #15: Observed child pool on site at Str 277. (2/11)