

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: January 22, 2015

Inspector: Francis J. Vacca, P.E.

Rain Event: 1.05" on 1/18/15

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)
Hampton, CT: MS 24-31 of 66 (Str. 124-161)
Brooklyn, CT: MS 31-44 of 66 (Str. 162-223)
Killingly, CT: MS 47-50 (Str. 240-255)
Lake Road Junction/Switching Station: MS 53 (Str. 266-267)
Putnam, CT: MS 54-63 (Str. 273-318)

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

MS9, Str 45: Wetland Timber Mat Removal.

MS24, Str 126: Preparation for stringing conductor pull-cord

MS34, Str 177: Structure erection. (Photo 3)

MS34, Str 178: Structure Grounding (Photo 4)

MS35, Str 180: Structure erection.

MS38, Str 196: Drilling Operation (Photo 5)

MS39, Str 201: Drilling Operation

MS41, Str 211: Drilling Operation

MS49, Str 253: Road Construction (Photo 6)

MS58, Str 292: Drilling Operation

IRP Overhead ROW

Bi-Weekly Week Inspection:

Date: January 30, 2015

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

Rain Event:

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)
Pomfret, CT: MS 44-47 (Str. 224-239)
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: Snow Removal. (Photo 1)

MS38, Str 198: Drilling Operation (Photo 2)

MS44, Str 223: Drilling Operation

MS46, Str 233: Drilling Operation

MS48, Str 244: Drilling Operation

MS53, Str 264: Preparation for Drilling Operation (Photo 7)

MS58, Str 291: Drilling Operation

Areas of Inspection		Observation:	Recommended Action:	Corrected Action:
Access Roads and Adjacent Roadways	Interim Week (1/22)	Observed Steep slope access, stabilized with roadway millings, between Str 42-43 functioning effectively. All runoff from milled roadway flow along the inside edge of the road and discharge to an oversized sediment trap at the base. There is no apparent discharge to the adjacent wetland areas.	Continue to follow this procedure.	NA
	Bi-Week (1/28)	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 (1/22)	Mechanized Clearing along IRP ROW complete.	NA	NA
	Bi-Week (1/29)	Mechanized Clearing along IRP ROW complete.		
Water Crossings	Interim Week (1/22)	All crossings appear to be functioning in accordance with the BMP Manual. No sediment appears to be entering the streams or wetlands.		

	Bi-Week (1/28)	All crossings appear to be functioning in accordance with the BMP Manual. No sediment appears to be entering the streams or wetlands.		
Erosion and Sedimentation Controls	Interim Week (1/22)	<p>Str 44: Sediment trap and Stone drainage swale functioning in accordance with BMP Manual.</p> <p>Str 178: Observed perforated silt fence adjacent to Structure. (Photo 8)</p> <p>The remainder of the ROW is Stabilized due to frozen ground.</p>	<p>NA</p> <p>Replace damaged silt fence</p> <p>NA</p>	<p>NA</p> <p>Prior to the conclusion of the workday, contractors replaced the damaged portion of silt fence. (Photo 9)</p> <p>NA</p>
	Bi-Week (1/28)	<p>Majority of site controls buried in snow.</p> <p>Remainder of ROW is stabilized due to snow.</p>	NA	
Inland Wetland and Watercourse encroachment and mitigation	Interim Week (1/9)	<p>Mat installations in wetland areas are in accordance with the BMP Manual.</p> <p>Observed the approved use of sand for cold weather traction on wetland mats.</p>	<p>Continue to follow this procedure.</p> <p>NA</p>	<p>NA</p> <p>NA</p>
	Bi-Week (1/15)	Observed snow removal in accordance with recently amended snow removal protocol. (Photo 12)	Continue to follow this procedure.	NA

Spills and Material Storage.	Interim Week (1/22)	<p>Str 167: T. Ramborger indicated a non-project related Petroleum based spill on pad 167. (Photo 10)</p> <p>Spill kits noted on all visited sites.</p> <p>Str 201: Observed child pool beneath Drill.</p>	<p>Continue to follow this procedure.</p> <p>Continue to follow this procedure.</p>	<p>NU dispatched Clean Harbors immediately to clean up the area. (Photo 11)</p> <p>NA</p> <p>NA</p>
	Bi-Week (1/28)	<p>Str 197: At 11:45 am Contractors observed a leak coming from one of the air-compressors associated with rock drilling. After further inspection, Contractors determined a diesel fuel hose broke and discharged fuel oil to the surrounding area. It is estimated approximately 15 Gallons may have leaked onto the construction pad up-line of the drilling area.(Photos 13-16)</p>		<p>J. Roberge (PAR Environmental Manager) was onsite and indicated that the Crew immediately began containing fuel oil with spill kits. J.R. also indicated that a McVac Emergency Response Unit was immediately notified and was on its way and that D.E.E.P. would be notified. T. Ramborger indicated that all necessary parties (NU, Burns and McDonnell) had been notified.</p> <p>[Follow-up: T. Ramborger indicated that DEEP representative arrived and inspected site and was satisfied that all parties addressed containment and mitigation of the spill appropriately]</p>
Cultural Resources	Interim Week (1/22)	<p>Potential Cultural Resource Areas protected in accordance with D&M Plans.</p> <p>Str 253: Road construction throughout the relocated roadway area utilizing the approved access method through cultural resource area (Geotextile base layer with roadway stone above).</p>	<p>NA</p> <p>NA</p>	<p>NA</p> <p>NA</p>
	Bi-Week (1/28)	<p>NA</p>		

Rare, Threatened, and Endangered Species	Interim Week (1/22)	NA	NA	NA
	Bi-Week (1/28)	NA	NA	NA
Additional Documentation Comments: Notes for 1/22/2015: <ul style="list-style-type: none"> • Observed non-project related Clearing by Landowner up-line of Str 183. • 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 1/30/2015: <ul style="list-style-type: none"> • Areas of IRP Project considered Complete and stabilized: <ul style="list-style-type: none"> - CSSS, LRSS, Windham Materials Laydown areas 1 and 2, 				
Open Items from previous inspections: Closed Items from previous inspections:				

Next likely scheduled inspection: February 5, 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:  1/22/2015

Owner's Field Inspector: _____

Reviewer: Paul Knapik 2/3/2015



Photo #1: Snow Removal at Str 124. (1/30)



Photo #2: Drilling Operation at Str 198. (1/30)



Photo #3: Structure 177 erection. (1/22)



Photo #4: Structure 178 Grounding. (1/22)



Photo #5: Drilling Operation at Str 196. (1/22)



Photo #6: Road Construction in the vicinity of Str 253. (1/22)



Photo #7: Preparation for drilling for Str 264. (1/30)



Photo #8: Perforation in silt fence down-line of Str 178. (1/22)



Photo #9: Photos of repaired silt fence at the conclusion of the work day. (Photo courtesy R. Gibson of AECOM) (1/22)



Photo #10: Evidence of petroleum based leakage on pad 167 taken on 1/21/2015. Spill was not the result of any project work or personnel. (Photo courtesy R. Gibson of AECOM) (1/22)



Photo #11: Condition of Pad 167 following Clean Harbors clean up. (1/22)



Photo #12: Example of snow removal from a wetland area in accordance with recently amended snow removal protocol. (1/30)



Photo #13: Area of 15 gallon diesel spill on pad 197 (1/30)



Photo #14: Spill Kits used immediately to contain spill on pad 197 (1/30)



Photo #15: Area of potential seepage of diesel fuel through direct imbed stone pile on pad 197. According to J. Roberge, area will be thoroughly examined and cleaned by McVac emergency response (1/30)



Photo #16: Small amount of diesel fuel tracked away from main spill area on pad 197. (1/30)