

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: March 6, 2015

Inspector: Matt Stephan, E.I.T.

Rain Event: 0.45” on 3/4/15

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

Brooklyn, CT: MS 31-44 of 66 (Str. 162-223)
Pomfret, CT: MS 44-47 (Str. 224-239)
Putnam, CT MS 51-52 (Str. 256-261)
Killingly, CT: MS 47-50 (Str. 240-255)
Putnam, CT: MS 54-63 (Str. 273-318)
Thompson, CT MS 63-66 (Str. 319-337)

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

MS38, Str 196: Anchor Installation. (Photo 1)
MS47, Str 238: Rock Drilling Demobilizing. (Photo 2)
MS47, Str 239: Drilling Operations. (Photo 3)
MS51, Str 257: Structure Erection. (Photo 4)
MS49, Str 248: Structure Erection.
MS50, Str 255: Pad Construction. (Photo 5)
MS55, Str 278: Drilling Operations.
MS61, Str 309: Drilling Operations.
MS62, Str 314: Drilling Operations.
MS63, Str 320: Drilling Operations.
MS64, Str 325: Drilling Operations.

IRP Overhead ROW

Bi-Weekly Week Inspection:

Date: March 12, 2015

Inspector: Matt Stephan, E.I.T.

Rain Event: 0.22” on 3/11/15

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

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)
Putnam, CT: MS 54-63 (Str. 273-318)
Thompson, CT MS 63-66 (Str. 319-337)

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

MS38, Str 199: Access road repairs. (Photo 6)
MS39, Str 204: Anchor Installation. (Photo 7)
MS47, Str 237: Wetland Timber Mat Installation. (Photo 8)
MS48, Str 241: Structure Erection. (Photo 9)
MS50, Str 255: Drilling Operations. (Photo 10)
MS55, Str 274: Drilling Operations.
MS56, Str 282: Structure Erection.
MS62, Str 323: Mobilizing for Drilling Operation. (Photo 11)
MS62, Str 325: Drilling Operations.
MS65, Str 331: Drilling Operations.
MS66, Str 337: Drilling Operations.

Areas of Inspection		Observation:	Recommended Action:	Corrected Action:
Access Roads and Adjacent Roadways	Interim Week (3/6)	All observed pads and ROW's free of snow.	NA	NA
	Bi-Week (3/12)	ROW's and access roads in poor condition due to rain and snow melt. Roads contain many ruts, as well as large areas of mud and/or standing water. However, there was no observed instance of sediment entering a resource area. (Photo 12)	Re-grade access roads and repair all ruts as necessary.	Northern is aware of these issues and is in the process of fixing and re-grading these areas as quickly as possible.
Vegetative Clearing Limits (Including trees to save or danger trees noted.)	Interim Week (3/6)	Mechanized Clearing along IRP ROW complete.	NA	NA
	Bi-Week (3/12)	Mechanized Clearing along IRP ROW complete.	NA	NA
Water Crossings	Interim Week (3/6)	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 (3/12)	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 (3/6)	Majority of site controls buried in snow.	NA	NA
		Visited areas of the ROW are stabilized due to frozen ground and accumulated snow.	NA	NA
		T. Ramborger indicated that a list has been compiled by the Environmental Inspectors that lists potential erosion “hot spot” areas. These areas include any project-related sites that could generate excess runoff or sediment in the event of rain and/or snow melt. (See Notes)	Recommend installation of additional silt fence and hay bales, as needed, in all potentially problematic areas. Continue to monitor sites as weather gets warmer and during any rain event.	NA
Erosion and Sedimentation Controls	Bi-Week (3/12)	Noted that numerous areas of silt fence are in need of repair due to the excessive snows received at most sites. (Photo 13)	Recommend repairing these disturbed areas of fence when conditions allow, especially where the fence is disturbed down to ground level. Continue to monitor and repair silt fence as snow melt continues and more areas of damage may be revealed.	Northern is aware of damaged site controls and will attempt to monitor and maintain them as required.
		Access roads are muddy due to snow melt.	Continue to monitor areas adjacent to access roads to ensure there is no discharge into sensitive areas.	NA
Inland Wetland and Watercourse encroachment and mitigation	Interim Week (3/6)	Mat installations in wetland areas are in accordance with the BMP Manual.	Continue to follow this procedure.	NA
		Observed the approved use of sand on wetland mats.	Continue to follow this procedure.	NA

	Bi-Week (3/12)	Mat installations in wetland areas are in accordance with the BMP Manual.	Continue to follow this procedure.	NA
Spills and Material Storage.	Interim Week (3/6)	Spill kits noted on all visited sites.	Continue to follow this procedure.	NA
	Bi-Week (3/12)	Spill kits noted on all visited sites.	Continue to follow this procedure.	NA
Cultural Resources	Interim Week (3/6)	Cultural areas protected in accordance with D&M Plans.	Continue to follow this procedure.	NA
	Bi-Week (3/12)	Cultural areas protected in accordance with D&M Plans. Noted several areas where orange resource fencing is damaged or destroyed.	Continue to follow this procedure. NA	NA Northern is aware of damaged fencing and will continue to monitor repair all areas as required.

Rare, Threatened, and Endangered Species	Interim Week (3/6)	NA	NA	NA
	Bi-Week (3/12)	NA	NA	NA
Additional Documentation Comments: Notes for 3/6/2015: <ul style="list-style-type: none"> • Areas of IRP Project considered complete and permanently stabilized: <ul style="list-style-type: none"> - CSSS, LRSS, KSS, Windham Materials Laydown areas 1 and 2. Notes for 3/12/2015: <ul style="list-style-type: none"> • Areas of IRP Project considered complete and permanently stabilized: <ul style="list-style-type: none"> - CSSS, LRSS, KSS, Windham Materials Laydown areas 1 and 2. • T. Ramborger requested the Environmental Inspectors from each section of the project create a master list of critical sites along the corridor that could potentially cause erosion or sedimentation issues due to spring snow melt and rain. This list will be a working list that will continually update as erosional forces change along all portions of the project corridor throughout the spring thaw. 				
Open Items from previous inspections: Closed Items from previous inspections:				

Next likely scheduled inspection: March 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 3/12/2015

Owner's Field Inspector: _____

Reviewer: Paul Knapik 3/13/2015



Photo #1: Anchor installation at Str 196. (3/6)



Photo #2: Driller Demobilizing from Str 238. (3/6)



Photo #3: Drilling operations at Str 239.(3/6)



Photo #4: Str 257 erection. (3/6)



Photo #5: Str 255 pad construction. (3/6)



Photo #6: Repairing and re-grading Str 199 access road in accordance with BMP manual. (3/12)



Photo #7: Str 204 anchor installation. (3/12)



Photo #8: Temporary wetland timber mat installation at Str 237. (3/12)



Photo #9: Str 241 erection. (3/12)



Photo #10: Drilling Operations at Str 255. (3/12)



Photo #11: Mobilizing for Drilling Operation at Str 323. (3/12)

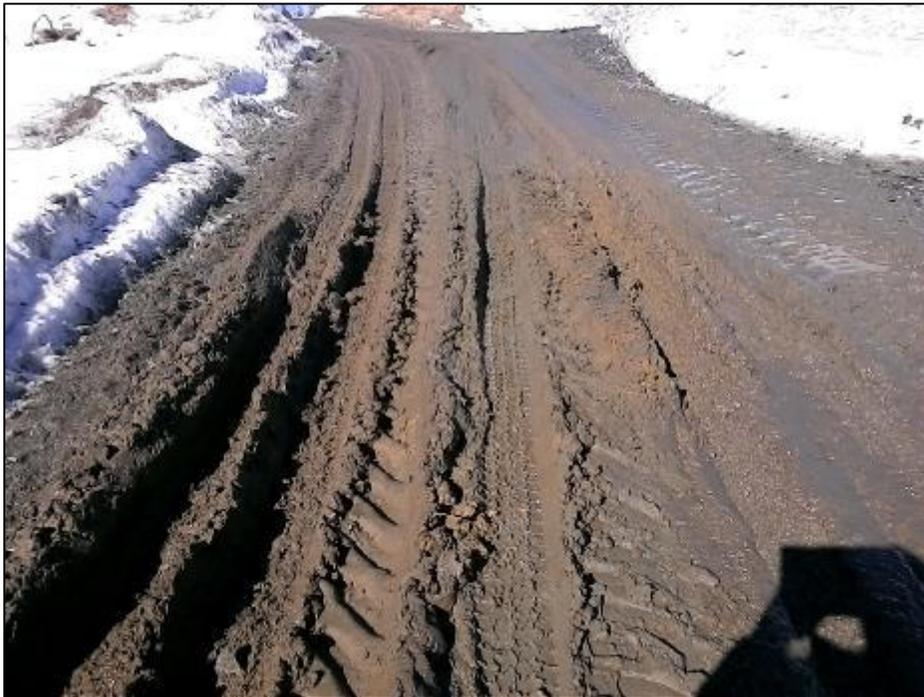


Photo #12: Rutting and muddy conditions along ROW up-line of Str 237. (Typical of most of the visited sites. However, there was no visible evidence of sedimentation entering resource areas from rutted access roads at any visited sites.) (3/12)



Photo #13: Majority of visited sites with buried silt fence. Recommend fixing any damaged areas of fence in locations of excessive snow melt. (3/12)