

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: April 18, 2014

Inspector: John Corbo, E.I.T.

Rain Event: 1.75” on April 15th, 2014

Location (reference February 2014 D&M Plans):

Card Street Substation, Lebanon CT (CSSS)
Lebanon, CT: MS 1 of 66 (Str. 1-6)
Columbia, CT: MS 2-5 of 66 (Str. 7-24)
Mansfield, CT: MS 8-17 of 66 (Str. 36-91)
Chaplin, CT: MS 18-23 of 66 (Str. 92-123)
Lake Road Junction/Switching Station: MS 53 (Str. 266-267)
Killingly, CT: MS 52-54 (Str. 262-272)
Killingly Substation, Killingly, CT: MS 54

Work Observed

None.

IRP Overhead ROW

Bi-Weekly Week Inspection:

Date: April 23, 2014

Inspector: John Corbo, E.I.T.

Rain Event: 0.22” on April 23, 2014

Location (reference February 2014 D&M Plans):

Card Street Substation, Lebanon CT (CSSS)
Lebanon, CT: MS 1 of 66 (Str. 1-6)
Columbia, CT: MS 2-5 of 66 (Str. 7-24)
Mansfield, CT: MS 8-17 of 66 (Str. 36-91)
Chaplin, CT: MS 18-23 of 66 (Str. 92-123)
Lake Road Junction/Switching Station: MS 53 (Str. 266-267)
Killingly, CT: MS 52-54 (Str. 262-272)
Killingly Substation, Killingly, CT: MS 54

Work Observed

MS1 , Str 6: Delivery of construction materials, and grading of pad

MS2, Str 9: Rough grading of Str pad 9

MS4, Str 19-22: Mowing

MS5, Str 23-24: Feller/Buncher tree clearing down-line of Str 24

MS18, Str 95-96: Delivery of construction materials, grading of Str pad 9, excavating topsoil and laying down of wetland mats down-line of Str 96

MS19, Str 98-99: Delivery of construction materials, laying down wetland mats down-line of Str 100.

MS54, Str 272: Drilling operations

MS53, Str 267: Drilling operations

Areas of Inspection	Observation:	Recommended Action:	Corrected Action:
Access Roads and Adjacent Roadways	Interim Week (4/18) Adjacent roadways clear and free of sediment at all other visited sites	Continue to follow this procedure.	CSSS: The entire access road has been replace with anti-tracking stone. NA
	Bi-Week (4/23) Adjacent roadways clear and free of sediment at all other visited sites	Continue to follow this procedure.	NA
Vegetative Clearing Limits (Including trees to save or danger trees noted.	Interim Week (4/18) NA	NA	NA
	Bi-Week (4/23) Project clearing appears to be in accordance with D and M plans.	NA	NA

Water Crossings	Interim Week (4/18)	All crossings appear to be functioning in accordance with the BMP Manual. No sediment appears to be entering the streams or wetlands. Perimeter erosion controls are well implemented.	Continue to follow this procedure.	NA
	Bi-Week (4/23)	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 (4/18)	<p>CSSS: Straw wattles were installed along either side of the entrance access road.</p> <p>Observed silt fence installations appeared in accordance with BMP Manual.</p> <p>Noted that stockpile areas are being covered with impermeable covers</p> <p>All visited sites appear stable in accordance with the D&M Plans.</p>	<p>NA</p> <p>Continue to follow this procedure.</p> <p>Continue to follow this procedure.</p> <p>NA</p>	<p>NA</p> <p>NA</p> <p>NA</p> <p>NA</p>
	Bi-Week (4/23)	<p>Str 5-6: Observed three (3) holes in silt fence between Str 4 and 5 on right side of access road. (See Photo #1)</p> <p>Str 5: Silt fence adjacent to Str 5 appears too short in relation to the wetland associated with it. (See Photo #2)</p> <p>Blown hay stabilization being utilized along the ROW</p>	<p>Repair silt fence</p> <p>Recommend increasing length of silt fence around Str 5 due to proximity of wetlands</p> <p>Continue to follow this procedure.</p>	<p>P. Lockwood noted observation.</p> <p>P. Lockwood noted observation.</p> <p>NA</p>
Inland Wetland and Watercourse encroachment and mitigation	Interim Week (4/18)	Wetland mat installations appear to be in accordance with the BMP Manual.	Continue to follow this procedure.	NA

	Bi-Week (4/23)	Wetland mat installations appear to be in accordance with the BMP Manual.	Continue to follow this procedure.	NA
Spills and Material Storage.	Interim Week (4/18)	Spill kits noted on all visited sites.	Continue to follow this procedure.	NA
	Bi-Week (4/23)	Str 3-4: Observed what appears to be diesel fuel drips (minimal surface staining) on the access road between Str 3 and 4 approximately every 15 feet.	Areas of contaminated stone should be contained and removed from the site. Contaminated stone should be disposed of in accordance with local and state regulations.	Subsequent communications from Northern to BSC following the inspection walk-through indicate that a Northern representative picked up drip areas and placed them in a spill contamination canister for proper removal.
Cultural Resources	Interim Week (4/18)	NA	NA	NA
	Bi-Week (4/23)	NA	NA	NA

Rare, Threatened, and Endangered Species	Interim Week (4/18)	NA	NA	NA
	Bi-Week (4/23)	NA	NA	Laydown Area, 87 Boston Post Road, Windham: Separations in the snake exclusion fence have been fixed. (See Photo #5) NA
Additional Documentation Comments: Notes for 4/18/2014: <ul style="list-style-type: none"> Warning signage and gates have been installed across the Airline Trail crossing between structures 5 and 6. Roadway in the vicinity of Str 93 and 94 in agricultural farmland area being installed with filter fabric barrier in accordance with D and M detail sheets. Drilling operations ongoing for Str 271 and 272. Notes for 4/23/2014: <ul style="list-style-type: none"> Drilling operations ongoing for Str 272 and 267. 				
Open Items: Closed Items: <ol style="list-style-type: none"> Card Street sub station anti tracking pad 				

Next likely scheduled inspection: April 30, 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 4/24/2014

Owner's Field Inspector: _____

Reviewer: Paul Krapik 5/2/2014



Photo #1: Photo of hole in silt fence up-line of Str 4.



Photo #2: Photo of observed perimeter silt fence being too short at Str 5.



Photo #3: Photo of grading Str 6 pad.



Photo #4: Photo of rough grading Str 9 pad.



Photo #5: Photo of fixed silt fence at Boston Post Road laydown area.



Photo #6: Photo of excavating of topsoil down-line of Str 96.



Photo #7: Photo of wetland mats installation at Str 99.



Photo #8: Photo of drilling operations at Str 267.