

Third Party Inspection Form

This report is prepared by a Third Party Inspector to meet the requirements of the Third Party Inspector Condition attached as a Special Condition to the Department Order that was issued for the project identified below. The information in this report/form is not intended to serve as a determination of whether the project is in compliance with the Department permit or other applicable Department laws and rules. Only Department staff may make that determination.

TO: Erle Townsend, Dawn Hallowell, Bill Goggin PROJECT NAME/ LOCATION: RoxWind Transmission Corridor DATE OF INSPECTION: 06-02-2021 WEATHER: Sun, 60 deg	FROM: Steve Roberge DEP #: L-27863-ES-A-N, L-27863-NJ-B-N, L-27863-TG-C-N DATE OF REPORT: 06-02-2021 CONDITIONS: Good
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SITE CHARACTERISTICS:

# ACRES OPEN: 0 acres	# ACRES ACTIVE: 2 acres	# ACRES INACTIVE: 0 acres
LOCATION OF OPEN LAND: Clearing completed	LOCATION OF ACTIVE LAND: Pole Installation completed	LOCATION OF INACTIVE LAND: all
OPEN SINCE: 04-12-2021	OPEN SINCE: 04-12-2021	OPEN SINCE: NA

PROGRESS OF WORK:

INSPECTION OF:	Satisfactory	Minor Deviation (corrective action required)	Unsatisfactory (include photos)
STORMWATER CONTROL (VEGETATIVE & STRUCTURAL BMP'S)	Acceptable		
EROSION & SEDIMENTATION CONTROL (TEMPORARY & PERMANENT BMP'S)	Acceptable		
OTHER: (PERMIT CONDITIONS, ENGINEERING DESIGN, ETC.)	Acceptable		

COMMENTS/CORRECTIVE ACTIONS TAKEN (attach additional sheets as necessary):

See attached erosion control narrative for more detailed information....

Photos (must be labeled with date, photographer and location): **Photos inserted into attached report**

RoxWind LLC

Transmission Corridor SCADA building to towers

Date: Wednesday, 06-02-2021

Time: 8:00 AM

Report: 7

Inspected by: Steve Roberge, PE

Company/Agency: SJR Engineering Inc.

Weather Conditions: 60 degrees, Sun

Owner Rep: Palmer Management Corp (Sumul Shah)

Construction Site/Project Manager: Reed-Reed (Kate Doughty, Jake Hall)

Engineer: Sewall (Jody Dube-Oneal)

Site Earthwork Contractor:

Clearing Contractor: Comprehensive Land Technologies (CLT)

Onsite Environmental Inspections:

Contact onsite today: **Owner Rep:** NA, **Reed/Reed:** Kate Doughty, **Sargent:** NA

MD+B: NA TRC:

Date of Last Inspection: 05-25-2021

Estimated # of days since last rainfall over $\frac{1}{2}$ ": 0.64" rainfall 05/31/2021

Photographs taken: 9 photos included in report

Action item: This report pertains to just the construction activities along the transmission corridor from the SCADA building with driveway to the connection point near Tower 1 of the RoxWind project.

1. One of the poles (P-23) lies adjacent to the stream and has some cover rock from the polebase spilled into the stream. The spilled stone needs to be removed as well as the staked hay bales within the stream.
2. Water bars with stabilized outlets are necessary for construction of the transmission line access road. They are to be placed a specified distance apart based on the slope of the access road. These have been installed. Please remind the work crews the water bars are to be reconstructed by the close of business day.
3. Flagging of environmental resources needs to occur as there are not identified wetland/stream flags along the corridor from top to bottom of the mountain.

Construction "Work in Progress" Narrative: Sargent is onsite and has completed construction of the driveway to the SCADA building. Environmental controls have been installed. The site appears secure including riprap on fabric along the excavated slope face behind the SCADA building. Riprap along the driveway ditching remains a "work in progress". The downslope drainage area (wetland) has clear water.

Construction continues along the corridor (Underwood Electric) with access roads being created and structures installed from the top of mountain down. All structures have been installed. The contractor has remedied the items discussed in last week's report (water bars and outlet sediment capture). Underwood is responsible for maintaining and restoring this road until completion of the corridor restoration.

Transmission line construction: Mulch has been applied in disturbed soil locations. Water bars have been cut into several areas of the currently used corridor access road. Mats have been placed where required to pass wetland/stream areas along the corridor.

Underwood Electric has installed water bars to stabilized outlets, mat wetlands where the access road crosses wetland, and hay mulch disturbed soils along the same access road utilized by CMP/Coutts from last year. The water bars need to be made whole again by the close of business day. Equipment travelling through the bar may crush the bar rendering it useless for water diversion.

The following items were inspected:

1. **Environmental flagging/signage:** Environmental resources need to be flagged.
2. **Silt Fencing/ECM Berm:** Silt fencing has been installed and properly keyed into the ground.
3. **Stabilized Entrance:** The driveway for the SCADA building is completed. No construction entrance has been placed at this time. Roxbury Road pavement is clear of soil debris.
4. **Soil stockpile:** No soil stockpiles noted.
5. **Mulching:** A hay mulch has been placed along disturbed areas of the site. Mulch cover should be enough to cover the ground surface in order for the mulch to work effectively (and still allow adequate sunlight to get vegetation to grow).
6. **Erosion Control Mix:** NA at this time.
7. **Dust Control:** NA at this time.
8. **Hay Bales:** Hay bales have been broken down and used as a mulch cover on exposed soils.

9. Stone/ECM Check Dam: Temporary stone check dams have been installed along both side ditches to the SCADA driveway.

10. Culverts/Riprap: An entrance culvert has been installed. No inlet/outlet protection has been installed to date (work in progress).

11. Level Spreader: NA at this time

12. Water Bars: Water bars have been installed in locations along the corridor access road. The distance between the water bars is based on the steepness of the slope. This will help to control washouts of the road during significant rain events. The water bar discharge area has a "capture area" established to collect sediment and filter turbid water.

13. Catch Basins/Stormdrain system: NA at this time.

14. Ditches/Swales: Ditches for the SCADA driveway have been cut. Fabric and riprap have not been installed to date.

15. Retention/Sediment/Filter Ponds: NA at this time.

16. Cut/Fill Slope Protection: Only the minimum amount of land has been disturbed for the driveway/access road/pole setting equipment pad construction area.

18. Vegetative Cover: NA at this time.

19. Stream/Wetland/Bridge Crossings: Hay mulch has been applied along the stream near the SS fencing. Matting has been adjusted to allow flowing wetlands and delineated streams (both resources are mostly dry along the corridor at this time) to pass unimpeded. Streams have been protected with silt fence/ECM barriers.

20. Spill Prevention: The project has an identified spill prevention control plan. The Contractor has spill containment materials within construction vehicles and equipment.

21. Winter Construction: Winter construction guidelines (November 1 - April 15) are not active at this time.

22. Utilities: The Contractor has notified DIGSAFE of construction of the project.

23. Areas currently under construction/disturbance: The entire corridor area has been cut/cleared of trees. The access road and pole installation are complete from the top of mountain down. All cleared areas have been cut, cleared, stacked, and removed from the corridor.

24. Estimate total area under construction/disturbance: Transmission line cut/cleared. Access road and pole installation matting have been installed from the top of mountain to the bottom of the corridor.

Progress photos taken by SJR 06-02-2021



Photo #1: The upper portion of the transmission corridor access road coming into the RoxWind Towers portion of the project has been constructed and structures set. Mats have been installed over a stream and wetland areas.



Photo #2: Water bars have been created along the corridor access road. The bars flow to a stabilized area with silt fence barrier to collect potential sediment wash. Disturbed areas of the road and structure equipment install pads are hay mulched.

Progress photos taken by SJR 06-02-2021



Photo #3: Another example of water bars installed along the corridor access road. The Contractor needs to insure the bars are adequately constructed at the end of each day.



Photo #4: Structure P-23 has been placed along the side of a stream. Silt fence and rock have been placed to minimize impact to the stream. The rock that has fallen into the stream needs to be removed. The staked hay bales within the stream need to be removed.

Progress photos taken by SJR 06-02-2021



Photo #5: Stone has been added to the access road. It will need to be removed during restoration.



Photo #6: Water bars have captured groundwater flows passing through the access road area.

Progress photos taken by SJR 06-02-2021



Photo #7: CMP/Coutts crew has restored the disturbed areas from last year. This area (near structure P-19) was the sediment source for turbid water/sediment flowing into the adjacent stream. Underwood Electric added an ineffective hay bale barrier (water sediment went around the bale) to try and capture sediment. It was captured with the silt sock waddle and silt fence.



Photo #8: While still rough, Underwood Electric is utilizing the existing access road created by Coutts last year. Underwood has installed numerous water bars with stabilized sediment capture area outlet. No significant erosion here because of up slope water bars installed.

Progress photos taken by SJR 06-02-2021



Photo #9: An overview of the lower access road near the SCADA building

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Email PDF Copy to: Erle Townsend, Dawn Hallowell, Bill Goggin, Sumul Shah, Lindsay Deane-Mayer, Gordon Deane, Jodi Dube-
Oneal, Kate Doughty, Jake Hall, Jason Tyler, Justin Fike, Nick Laskovski, Faye Wexler, Aaron Leighton