

# 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: <b>Erle Townsend, Dawn Hallowell</b>	FROM: <b>Steve Roberge</b>
PROJECT NAME/ LOCATION: <b>RoxWind Transmission Corridor</b>	DEP #: <b>L-27863-ES-A-N, L-27863-NJ-B-N, L-27863-TG-C-N</b>
DATE OF INSPECTION: <b>06-28-2021</b>	DATE OF REPORT: <b>06-28-2021</b>
WEATHER: <b>Cloudy, Lightning 70 deg</b>	CONDITIONS: <b>Good</b>

**SITE CHARACTERISTICS:**

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

**PROGRESS OF WORK:**

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

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:** Monday, 06-28-2021

**Time:** 9:00 AM

**Report:** 11

**Inspected by:** Steve Roberge, PE

**Company/Agency:** SJR Engineering Inc.

**Weather Conditions:** 80 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: Kevin (Safety), Sargent: NA

**MD+B:** NA TRC:

**Date of Last Inspection:** 06-21-2021

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

**Photographs taken:** 6 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. 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 and are being maintained. Please remind the work crews the water bars are to be reconstructed by the close of each business day.
2. Several of the water bars along the lower end of the corridor need stabilized outlets (ie silt fence, ECM berms, etc)
3. A section of new access created by CLT near structure 18 needs a mulch covering.
4. 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. (Work in progress, hanging flags)

**Construction "Work in Progress" Narrative:** Sargent has completed construction of the driveway to the SCADA building and demobilized from the site. 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 is 100% complete. The downslope drainage area (wetland) has clear water.

Construction continues along the corridor (Underwood Electric) with access roads created and structures installed from the top of mountain down. All structures have been installed. Underwood is pulling ropes along the corridor. CLT 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.

CLT has cut numerous safety "danger" trees along the corridor. They used hand labor for cutting and a forwarder to move material off the corridor. They have regraded most of the water bars as they work themselves out. Disturbed soils have hay mulch placed as necessary, but a section near pole 18 was missed.

CLT has removed the bridge over the stream as they placed cut trees on abutting property Owner parcel. No impacts to the stream have been noted. Pole 23 (adjacent to the stream bank) has a large rock retaining wall adjacent to the pole and side of stream. It appears as though it will do the job of protecting the structure and allowing water flows to remain in the stream bed.

**The following items were inspected:**

- 1. Environmental flagging/signage:** Environmental resources need to be flagged.(work ongoing hanging the wetland flagging)
- 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. 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). A section near pole 18 was missed and needs additional mulch placed on the steep slope.

**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:** Stone check dams have been installed along both side ditches to the SCADA driveway.

**10. Culverts/Riprap:** An entrance culvert has been installed. Inlet/outlet protection has been installed to date.

**11. Level Spreader:** NA at this time

**12. Water Bars:** Water bars have been installed in locations along the corridor access road. These need to be maintained (ongoing work in progress) as equipment traveling cross the bars crush the berms allowing water to continue flowing down the travel path. 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. Several of the water bars along the bottom of the corridor do not have a stabilized outlet (capture area).

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

**14. Ditches/Swales:** Ditches for the SCADA driveway have been cut. Fabric and riprap have been installed.

**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. Safety "Danger" trees have been culled at this time. 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 06-28-2021



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. CLT has removed the "danger" trees from the corridor using hand labor and a forwarder. Underwood Electric has pulled ropes from top to bottom of the corridor.



Photo #2: The corridor remains dry, mats have been placed in wetland areas, and disturbed areas mulched.

## Progress photos taken by SJR 06-28-2021



Photo #3: 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



Photo #4: Structure P-23 has been placed along the side of a stream. Large rock has been placed in retaining wall formation with smaller stone inside the containment area. (Project generated photo from last week)

## Progress photos taken by SJR 06-28-2021



Photo #5: This area remains stable, but the water bars installed do not have any stabilized outlets. Sediments that are diverted by the bar will flow into vegetated areas and need to be removed.



Photo #6: CLT has disturbed a new area adjacent to the woods line (near pole 18) that needs hay mulch.

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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, Ethan Smith, Jim Semones