

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 PROJECT NAME/ LOCATION: RoxWind LLC 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: 06-03-2021 CONDITIONS: Good
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SITE CHARACTERISTICS:

# ACRES OPEN: 19 acres	# ACRES ACTIVE: 19.08 acres	# ACRES INACTIVE: 0 acres
LOCATION OF OPEN LAND: All areas	LOCATION OF ACTIVE LAND: All areas including access road	LOCATION OF INACTIVE LAND: none
OPEN SINCE: 08-17-2020	OPEN SINCE: 08-21-2020	OPEN SINCE: 8-21-2020

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

Horseshoe Valley Road, Roxbury

Date: Wednesday, 06-02-2021 **Time:** 8:00 AM **Report:** 38
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: Sargent Construction (Tim LePage, Pete Broberg, Mark Wright)
Clearing Contractor: Comprehensive Land Technologies (CLT)
Onsite Environmental Inspections: Jared (Sargent)
Contact onsite today: **Owner Rep:** NA, **Reed/Reed:** Kate Doughty, **Sargent:** NA
MD+B: NA **CMP:** NA
Date of Last Inspection: 05-24-2021
Estimated # of days since last rainfall over $\frac{1}{2}$ ": 0.64" rainfall 06/01/2021
Photographs taken: 6 photos included in report

Action item: The items identified in the last report have been addressed and/or are ongoing during "work in progress". The Contractor should consider the following comments from today's observations:

1. Sediment has collected within the silt fence between Tower 1 and the collector line and should be removed.

Construction "Work in Progress" Narrative: Reed/Reed crews are preparing to receive portions of tower parts today with base sections installed on the foundation this week. There is no ongoing earthwork at the project site at this time. All streams within the parcel are flowing with clear water.

The following items were inspected:

1. **Environmental flagging/signage:** Clearing/grubbing activities have been completed. Flagging of resources is easily visible along the project area. Areas of encroachment into buffer areas or onsite environmental resources have been noted previously.

2. **Silt Fencing/ECM Berm:** Perimeter erosion control berm/silt fence has been established along the downslope work areas. No evidence of eroded soil capture has been noted along the berms/silt fence. In areas that have been blasted, the Contractor should reset the silt fence or install ECM berms along the downslope

side of construction. If the sideslope area is already covered with ledge such that no soils will erode, ECM berm and/or silt fence is not necessary.

3. Stabilized Entrance: Sargent has temporarily removed the stabilized entrance to receive tower parts. No significant soils are being tracked onto Horseshoe Valley Road.

4. Soil stockpile: Grubbing stockpiles have been created as the overburden from ledge is moved. The soil stockpiles are hay mulched.

5. Mulching: A heavy hay mulch has been placed along the grubbed areas of the site that are not being worked. Mulch cover should be enough to cover the ground surface in order for the mulch to work effectively.

6. Erosion Control Mix: The Contractor has completed making ECM material for installation along the downslope perimeter of the project as well as other areas they deem appropriate for erosion control.

7. Dust Control: The access road has been watered to control dust.

8. Hay Bales: Hay bales should be available for mulching disturbed soils that will not be in immediate work areas. In general, the bales will be broken down and used as a mulch cover on exposed soils.

9. Stone/ECM Check Dam: In several locations, the Contractor has installed stone check dams in the upslope ditching of the new rocked driveway.

10. Culverts/Riprap: Sargent has upgraded some of the existing culverts and has installed new culverts going up the mountain. New proposed culverts have been installed along the access driveway.

11. Level Spreader: Many new culverts have a level spreader installed at the discharge end of pipe.

12. Water Bars: Water bars have been removed due to the access road re-grading and transportation of tower sections up the mountain. When the sections and blades have been transported up the mountain, new water bars can be created. They should be installed at appropriate intervals of the new rocked road 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 should be excavated and a ECM/stone berm established to capture sediment and filter turbid water.

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

14. Ditches/Swales: New ditches have been created during the construction of the new rocked driveway leading up the hill. Much of the previous ditch erosion has been eliminated.

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

16. Cut/Fill Slope Protection: Silt fence/ECM berms are installed along the downslope perimeter of disturbed soil areas. Slopes have been evaluated to see if riprapping the areas will resolve the slope slides. In general, the steep slopes are riprap on fabric.

18. Vegetative Cover: NA at this time.

19. Stream/Wetland/Bridge Crossings: NA at this time.

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

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 project area is under construction with the electrical components of the work being performed now. All cleared areas have been cut/cleared/stacked. Erosion control silt fence and ECM berms have been installed. Towers T1 thru T4 are stumped and grubbed including the access road. T1/T2/T3/T4 padsites and all of the access road have been drilled and blasted. Rock was utilized to construct the access road and new driveway. Rock crushing operations are completed. This material was being used for surface gravel along the driveway access. Erosion control material has been made onsite. All areas appear to be stable at this time.

24. Estimate total area under construction/disturbance: Approximately 19 acres are under active construction at this time.

Progress photos taken by SJR 06-02-2021



Photo #1: Horseshoe Valley Road is clear of soil debris from the project.



Photo #2: The stabilized construction entrance been removed in order to bring tower sections and blades into the project.

Progress photos taken by SJR 06-02-2021



Photo #3: Water within the flow path along Horseshoe Valley Road is flowing as clear water. Some sediment lies along the top of stone.



Photo #4: Even with some rain from this weekend and last night, many of the streams have no, or little, water flowing.

Progress photos taken by SJR 06-02-2021



Photo #5: The silt fence along the toe of embankment along the access road curve near Tower 1 has captured significant sediment and needs to be cleaned. The sediment has topped the silt fence.



Photo #6: No significant earthwork is ongoing at the tower portion of the project. Backfill at Tower 4 has been completed.

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Email PDF Copy to: Erle Townsend, Dawn Hallowell, Sumul Shah, Lindsay Deane-Mayer, Gordon Deane, Jodi Dube-Oneal, Kate Doughty, Jake Hall, Tim LePage, Travis Fernald, Mark Wright, Peter Broberg, Justin Fike, Nick Laskovski, Faye Wexler