1.0 Introduction

The Echanis Wind Energy Project (Echanis) will be constructed on private lands in Harney County. A 230-kV transmission line connecting the project to the regional transmission grid will cross approximately 12 miles of Bureau of Land Management (BLM)-administered lands in the Burns BLM District in Harney County. The transmission line was the subject of an extensive Environmental Impact Statement (EIS) process resulting in the granting of a Right-of-Way (ROW) across BLM-administered lands. This Dust Control Plan covers the portions of the transmission line on BLM-administered lands. It is understood that a Dust Control Plan will be filed with Harney County for the wind project and portions of the transmission line on private lands.

2.0 Project Contact

The contact information for the individuals responsible for the preparation, submittal, and implementation of this Dust Control Plan is provided in the summary tables below.

Table 1– Dust Control Plan Preparation and Submittal

Name	Chris Crowley
Title	
Address	1111 Main Street, Suite 110, Vancouver WA 98660
Phone	360-993-2900
Mobile	360-798-0809
Fax	360-993-2901
Email	ccrowley@columbiaenergypartners.com

Table 2– Dust Control Plan Implementation

Name	To Be Determined
Title	
Address	
Phone	
Mobile	
Fax	
Email	

The public will be notified prior to the start of construction by notice in the local newspaper. A local contact number will be included in the notice to register complaints about dust.

3.0 Fugitive Dust Sources on Echanis Transmission Line Project

Fugitive dust is particulate matter that is suspended in the air by wind or human activities and does not come from a point source such as a stack. The construction activities and travel on unpaved road involved in this Project are expected to generate fugitive dust mainly in the form of crustal or geological material composed of minerals such as silicon, aluminum, iron, and calcium. This Dust Control Plan is designed to reduce fugitive dust emissions to a minimum from the Project.

Fugitive dust emissions during construction of the transmission line are expected to result from site preparation and hole boring activities, on-site and offsite travel on paved and unpaved surfaces, as well as wind erosion of areas disturbed during construction activities. However, with the transmission line being located in areas with little population, there is reduced concern about nuisance impacts to humans and residences.

Helicopter operations, as well as vehicles and equipment traveling on un-surfaced roads and work areas also create dust, while significant wind action on unprotected spoil piles is another source of dust. This Dust Control Plan applies only to fugitive dust generated by construction activities and vehicle trips by support equipment on unpaved roads along the transmission line ROW on BLM-administered lands.

4.0 Dust Control Measures

Fugitive dust control will require the use of adequate measures during each construction activity and will include water applications or application of soil additives, control of vehicle access, vehicle speed restrictions and work stoppage under extreme conditions.

The factors affecting dust control include: ambient conditions (temperature, wind & humidity), size and weight of vehicles, vehicle speed, frequency and number of active vehicles, soil characteristics (chemical composition, particle size distribution, organic components), and day-to-day aggressiveness of mitigation efforts (e.g., application of water or dust suppressants).

4.1 Unpaved Roads

With approval of local agencies, unpaved roads or sites will be watered if construction activities cause persistent visible emissions of fugitive dust beyond the work area. Watering will be applied as needed to control the dust, but usually not less than daily; the frequency may be reduced or eliminated during seasons or periods of precipitation or other conditions that help reduce dust. Additionally, vehicle speeds will be limited to 15 mph on unpaved (no gravel or similar surfacing material) roads. The entrances onto unpaved roads will be posted with visible speed limit signs.

4.2 Disturbed Surface Areas

The amount of disturbed area will be reduced wherever possible. Revegetation will occur, in accordance with the approved restoration and revegetation plan, in disturbed areas as soon as practical following construction.

5.0 Sensitive Receptors

Construction activities occurring near sensitive receptors receive a higher level of preventative planning for controlling fugitive dust. Sensitive receptors include school-aged children (schools, daycare, playgrounds), the elderly (retirement community, nursing homes), the infirm (medical facilities/hospitals), and receptors in residential areas near planned construction areas such as work sites, fly yards, pull sites, and access roads. The Project ROW traverses mostly unpopulated areas. The nearest populated area is Crane. There are no sensitive receptors identified within a quarter of mile of the planned construction areas (i.e., work sites, fly yards, pull sites, and access roads) in Harney County.

6.0 Monitoring and Recordkeeping Responsibilities

The construction contractor designated by Echanis is the designated dust control site coordinator and responsible for implementing dust control as specified in this Dust Control Plan. The site coordinator will have authority over dust issues, and should have a fully trained backup able to serve in a similar capacity. It is the site coordinator's responsibility to:

- Read and understand this Dust Control Plan and have them available at the job site
- Implement the Dust Control Plan and ensure all employees, workers, and subcontractors know their dust control responsibilities
- Roads will be watered if dust rises to the level of concern or if complaints are

received about dust from construction activities

- Use contingency control measures when primary controls are ineffective
- Monitor the worksite for compliance with the Dust Control Plan
- Maintain a daily log monitoring the implementation and effectiveness of the control measures.

Echanis will use environmental inspectors for enforcing compliance with the Dust Control Plan. The environmental inspectors will be responsible for making sure that dust control is effective and appropriately recorded by the site coordinator.

Appendix A: Map of route with residences noted.