**Horse Heaven Wind Project EFSEC Review**

**Data Request No. 5 – Habitat, Noise, Surface Water and Wetlands, Vegetation, & Wildlife**

**November 5, 2021**

| Data Request 1 Item ID | ASC Section | Item | Question or Information request. | Applicant Response |
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| **Habitat-2** | 3.4 Habitat, Vegetation, Fish, & Wildlife  3.5 Wetlands | 2021 Botany and Habitat Survey Report | Provide information on the location of the wetland identified in close proximity to the Micrositing Corridor (identified as a Class IV wetland requiring a 40-ft. buffer per the Benton Co. Critical Areas Ordinance) and the field data associated with the wetland noted in the 2021 habitat surveys. |  |
| **Noise-2** | 4.1.1 Noise | Baseline noise levels. | Baseline analysis for more populated areas will need to be addressed in the DEIS, be that measured baseline or assumed/calculated baseline levels. Provide baseline noise levels and indicate if these were measured or calculated. |  |
| **Noise-4** | 4.1.1 Noise | Construction noise levels. Noise sensitive receptors (NSRs). | Attachment Noise-4 from Data Request No. 3, dated July 22, stated that “For the purposes of the construction noise analysis for those NSRs located within the Project lease boundary it was assumed that equipment would be positioned at the closest wind turbine generator (WTG) relative to each NSR”.  What distance was assumed for construction features other than wind turbines (e.g. solar panels)? Why were only wind turbine generator locations considered? |  |
| **Noise-9** | 4.1.1 Noise | Octave band data. | Provide the acoustic model inputs from Cadna. |  |
| **Surface Water and Wetlands-3** | 3.3.2 Natural Environment Water Impacts  3.3.3 Natural Environment Water Mitigation Measures | Surface water runoff. | Provide some basic information regarding the approximate frequency of panel washng, amount of water used per panel, time of year (dry season, wet season), and distribution/concentration of water that would reach the ground. This will assist EFSEC to determine whether there is any potential for erosion or sediment mobility. We undertasnd that there are a number of measures that can be implemented to address potential erosion issues; however, it would also be good to understand the potential for erosion and for needing BMPs associated with panel washing. |  |
| **Vegetation-10** | 3.4 Habitat, Vegetation, Fish, & Wildlife | 2021 Botany and Habitat Survey Report. | What is the confidence in the accuracy of the vantage-point habitat notes/surveys for the approximately 604-acrea (including approximately 595 acres of agricultural land, 6 acres non-native grassland, and 3 acres shrub-steppe) area not yet field verified and will surveys be completed prior to construction? |  |
| **Wildlife-19** | 3.4 Habitat, Vegetation, Fish, & Wildlife  4.2.6 Agricultural Crops/Animals | Wildlife Habitat | Clarify whether domesticated farm animals currently graze in the project area. If not, would the inclusion of this activity under the turbines alter the available habitat for wildlife? |  |
| **Wildlife-28** | 3.4 Habitat, Vegetation, Fish, & Wildlife | Figure 1 of attachment for Data Request No. 2 Wildlife-20 response that includes terrestrial wildlife linkages ad connectivity (references Arid Lands Initiative 2014). | Has the Applicant characterized and quantified the potential effects to habitat connectivity, albeit that most of the turbines are located away from the priority core area or high linkage area? |  |
| **Wildlife-29** | 3.4 Habitat, Vegetation, Fish, & Wildlife | Avoidance and Minimization  Construction and Operational Impacts | Was the potential change in habitat use by placing perching material (i.e poles) near the canyons considered? Please provide any information on this subject.  Have alternative methods of crossing canyons or draws been considered? If yes, what are they and how feasible are they? |  |