

Oct 15, 2023

To: Jamey Ayling
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Comments; FC Guest Ranch Noise CU 23 00003

Hello

I'd like to comment on the Noise chapter of the Deneen Guest Ranch.

I live on the South facing side of Fowler Ridge (running east and west, approx 2800' elevation) and view the BPA powerlines from my kitchen window. I can hear the BNSF trains as they pass exits 74 and 78 next to I90, North on the opposite side of Fowler Ridge from where we live.

The Guest Ranch comments on Noise (Impact of Noise on Surrounding Properties; Exhibit 11)

As stated in the very first sentence; "noise is a complex phenomenon". Valleys, ridges, open areas all impact the transmittal of noise.

There are some open areas (wetlands, etc) within the proposed guest ranch; while outside the ranch there are several locations of open areas. Immediately west along Zrebiec road, Goat Peak area, miles of open area under the BPA power lines.

Open areas (approximately 600' wide) under the power lines – easily funnels noise (east & west). Especially in our area since the power lines are 500 yards away and immediately north of the base of South Cle Elum Ridge; which run up to 5000+ feet in elevation (Hicks Butte). Plenty of rise in elevation to catch noise from anywhere; Ranch included. Elevated hill sides – easily direct sounds upward and outward from originating sources.

Exhibit 11 under Topography mentions the guest ranch is on flat land with elevated land masses located on the outer boundaries of the property. Some of those elevations are very close and would "bounce" sound waves back out and away from the hillside; trees and vegetation or not. As mentioned at the start of this – when out near the BPA powerlines – normally just to the north side – when the train runs along I90 – under certain conditions their noise goes up and south ward hitting South Cle Elum Ridge. In turn that noise comes back down to the valley floor under the powerlines and a low rumble can be heard. Almost sounds like a passing Link Light Rail train running along the powerlines.

In short the composition of the overall area; with flat lands, valleys, short and tall ridges – all seem to aid in the disbursement of noise; well outside of the proposed Guest Ranch.

I strongly urge a much more comprehensive study of noise in this area. This is an community of homes (neighborhoods) that do not need additional noise, traffic, strangers with no vested interest in our neighborhoods and resulting increase in potential fire, safety, and other hazards.

Thank you

Mike Hoban

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