

Klamath River Rural Broadband Initiative
Data Request #2, sent 7/30/18

Request #	Data Request #2 Text	Response
1	Total Water Use is identified in Table 2.4-7 (page 2-99) of the PEA with 2 different total amounts: 269,142 gallons and 275,342 gallons. Assuming the higher estimated amount is correct, what project components (not listed on the table) would account for the difference?	The difference, 6,200 gallons, is explained in the paragraph prior to the table on page 2-99. The table shows fiber installation methods and the text explains additional water use for concrete at the Orick Tower (6,000 gallons) and Antenna Ridge (200 gallons) sites.
2	Construction related water would be purchased, where available from municipal sources and/or withdrawn from approved sources, as available. Confirm which sources could be used and that sufficient water is available e.g. will-serve letter	The construction contractor will be obliged to determine suitable water sources. Water sources are unknown at this time. Recent construction in the area has used water from local water systems and locally approved water drafting sources.
3	Are the delivery of construction water and concrete included in the project truck trips? If not please provide a daily peak and total estimate for these deliveries	Yes.
4	Without a reasonable estimate of construction soil, waste and debris that would need to be removed off site we cannot complete the traffic analysis. The PEA provides a quantity for directional drilling and an estimate per mile for trenching but does not provide a total for all construction activities. Provide a range or best guess estimate of total amount of material to be removed as a result of the project. If needed a range could be used.	The PEA, and Data Response #1, stated that a realistic answer could not be provided at this time because most of the material would be used to backfill trenches and very little will be hauled offsite unless unsuitable for backfill. Any answer given is only a guess. One possible guess is that each mile of trenching or sawcutting would produce 30 cubic yards of material not suitable for backfill, directional drill would produce 10 cubic yards per mile, and other installation methods would not produce appreciable volumes of excess material. As a maximum, that would indicate a need to dispose of 2,121 cubic yards of material. This material would be disposed of in disposal sites approved by the road manager.
5	Air Quality; we cannot ascertain from the construction assumptions by segment for the air quality analysis if these include all project components eg Orick Tower, Yurok Signal Connection, last mile). Please confirm whether or not the construction equipment and vehicle assumptions described in spreadsheets "KRRBI_Air Quality-Construction Worker Commute" and "KRRBI_Air Quality_Construction EQ MOVEMENTS" that were used to estimate project air quality and GHG emissions include the construction of the, Orick Tower, Yurok Signal Connection, last mile). If not included, please include the assumptions for those project components.	Yurok Signal Connection and last mile components are installed from pickup trucks. Orick Tower construction was included in the air quality analysis.

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13	Once installed and operational, the Project would require limited routine maintenance consisting of xxxxx visual inspections of the system components, periodic i.e. xxx operation of backup generators and annual electrical checks on the switches and other components. Confirm the missing details- we need to characterize the likely frequency of visual inspections and periodic operation of generators.	There will be one annual visual inspection of all components that can be seen, such as overhead lines, tower components, generators, etc. Backup generators will run automatically run 12 minutes per week. Text in section 2.4.10.3 specifies the frequency of inspection of the generators.
14	Provide the lengths and locations for installation methods proposed under Alternative 5A (in GIS, if available).	Bridge hang: 0.1 miles. Trench 4.5 miles. Saw Cut in pavement 8.4 miles. Overhead install on existing poles 8.4 miles. Total distance 21.3 miles. This represents the portion of Alternative 5A that is unique from Segment 5 and should be compared to Segment 5-2 only. GIS information supplied in a separate file.
15	Environmental Proposed Measure WET-states: "Wetland delineations will be performed prior to construction to support CWA Section 404 permitting and minimize Project impacts. The delineation will identify both wetland and non-wetland waters of the United States that would be affected by the Project." We anticipate that state agencies may request modification of the wording of the proposed measure to also include <i>waters of the State</i> (and the United States). Can you confirm if this modification to the wording of WET-1 is acceptable?	The Proponent hereby proposes a revised version of WET-1 that states: "Wetland delineations will be performed prior to construction to support CWA Section 404 permitting and to minimize Project impacts. The delineation will identify both wetland and non-wetland waters of the United States that would be affected by the Project. The delineation will also provide sufficient information to support California permitting and will include delination of wetland and non-wetland waters of the State of California."