

KRRBI Project Data Request No. 2 July 27, 2018

For all data requests please provide additional details or indicate page location in PEA/Appendices where these are provided.

Project Description

- 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?
- Construction related water would be purchased, where available from municipal sources and/or withdrawn from approved sources, as available.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
- 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
- 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.
- 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."
We also need to have some clarification on the phasing of the project components; specifically, how close are the average daily equipment use (hours per day) assumptions, which were used in the analysis, to the maximum day equipment use assumptions. We suggest that the most appropriate way to resolve this data request would be via a conference call between ESA and the air analyst who undertook this work for the PEA.
- Confirm if portable toilets would be provided for workers during construction.
- Electricity Use. Will either project construction or operation require electricity from PG&E's regional power grid or other electricity provider(s)? If so, provide annual usage in kilowatt-hours (kWh) per year.
- How would segment 5 be maintained (in the rainy season) given that there are seasonal restrictions for GDR roads?
- What would the pre-fabricated hut at the Orick Tower be used for?
- Microtrenching involves the use of an asphalt saw, which cuts a 1" wide slot 8 – 12" deep in the road surface. The wheeled tractor that powers and directs this saw would operate on the road surface. Microtrenching would be used either in locations where there is minimal traffic or at

the edge of the pavement (see PEA PD Figure 19). Can you provide more details as to why this technique is used? No longer used> check

- Data Response #1 states that construction activities would take place between 0600 to 1800 hours in locations more than one mile from a residence or school, or where otherwise limited by the road manager. Confirm hours of construction in areas closer than one mile to a residence or within a mile of a school.
- 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.
- Provide the lengths and locations for installation methods proposed under Alternative 5A (in GIS, if available).

Biological Resources

- 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 *waters of the State* (and the United States). Can you confirm if this modification to the wording of WET-1 is acceptable?