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### **Ivilo Heights, SF-24-5**

**Please accept the following comments from El Paso County Public Health (EPCPH) regarding the two greater than 2.5-acre lot development project referenced above:**

- **Water service for the development will be provided by individual private wells, and wastewater service will be provided by onsite wastewater treatment systems (OWTS).**
- **EPCPH has determined there is a finding for sufficiency in terms of water quality based on the December 2023 RESPEC Water Resources Report that included sample results from the July 23, 2021, Colorado Analytical Laboratories and ACZ Laboratories samples; however, the following approval conditions should be noted:**
  - **The bacteriological sample showed the presence of total coliform, but was negative for Ecoli. EPCPH recommends the wells on each of the two lots be chlorinated and re-tested prior to occupancy. This procedure will clear bacteriological issues. Contact EPCPH for chlorination procedure information.**
  - **The secondary drinking water standard for aluminum was exceeded. Secondary drinking water standards are non-enforceable standards. Under-the-counter reverse osmosis (RO) treatment systems are available and will considerably lower the aluminum concentration in drinking water by up to 95%. EPCPH advises installation, but cannot require installation.**
- **The RMG Engineers/Architects Soils and Geology Report, and their Wastewater Study both dated 05Dec2022 were reviewed to determine OWTS suitability for the site. Based on the referenced reports the site is determined suitable for OWTS installations. OWTS's on the site may require professional engineer designs due to shallow bedrock being encountered in both soil profile test pit excavations. Shallow groundwater was not encountered.**
  - **The existing abandoned OWTS installed in 1975 on proposed lot 1 cannot be re-used and must be properly removed per the EPCPH OWTS Regulations.**

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