

IWVGA Board Meeting October 15, 2020

Optimized Use of Recycled Water

- Project No. 2 of the GSP involves optimizing use of recycled water from the City of Ridgecrest's wastewater treatment facility (WWTF).
- The WWTF can provide up to **2,016 acre-feet per year** of recycled water for new beneficial uses, while maintaining existing beneficial uses/supplies for the Navy golf course and the Tui Chub habitat.
 - Additional quantities may become available should any of the existing beneficial uses be discontinued or reduced.
- Project benefits include mitigation of loss of groundwater storage, declining water levels, degraded water quality, and land subsidence conditions, while also preserving the Ridgecrest community and NAWS China Lake.
- City has offered to partner with IWVGA in a Project and to provide untreated wastewater. IWVGA would be responsible for costs of Project implementation (design, construction, administration).

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Optimized Use of Recycled Water (cont.)

- Staff proposes that Project implementation costs be paid monthly by the direct beneficiaries of the Project through participation in a Recycled Water Development Program. The potential users of the recycled water include:
 1. Indian Wells Valley Water District
 2. Searles Valley Minerals
- Project beneficiaries will be exempt from paying Basin Replenishment Fee on an amount proportional to their Program participation, but will not be exempt from paying Mitigation Fee portion.
- Project beneficiaries would instead pay initial Program costs including producing facility designs for the recycled water system:
 - \$500,000, or approximately \$158.75 per acre-foot over 1 ½ years
- Staff recommends that the IWVGA partner with the City to develop the recycled water Program.
- Staff recommends that the Board provide direction to Staff to bring back to the Board a contract for the recycled water with the City and a resolution adopting the recycled water Program.