

Update and Discussion of Butte County Led Sustainable Groundwater Management Grant Funded Projects

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Wyandotte Creek Advisory Committee

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Background

- Department of Water Resources (DWR) Sustainable Groundwater Management Implementation Grant Program
 - Wyandotte Creek GSA - \$5.5M grant
- Wyandotte Creek GSA Board approved the approach for Butte County Department of Water and Resource Conservation to lead portions of the grant funded work

Wyandotte Creek GSA SGMA Grant Projects-

Includes

1. Project Management and Grant Administration
2. GSP Updates, Data Gaps and Refinements
3. SGMA Compliance and Inter-basin Coordination
4. Regional Conjunctive Use Project
5. Thermalito Water Treatment Plant Capacity Upgrade

1. GSP Updates, Data Gaps and Refinements

Enhance groundwater subbasin knowledge and address groundwater data gaps.

- **Key Outcomes**
 - Installation of monitoring sites
 - Revise the GSP in line with DWR feedback
 - Stakeholder engagement
- **Consultant:** Larry Walker Associates
- **Partner:** Butte County Water and Resource Conservation
- **Project Total:** \$1,978,750
- **Estimated Completion Date:** 4/15/26

2. Regional Conjunctive Use Project

Focuses on reducing the dependency of the subbasin on groundwater through:

1. Agricultural Surface Water Supplies study to utilize regional surface water for agriculture.
2. An Agricultural Irrigation Efficiency initiative aimed at reducing water use via precision irrigation and evapotranspiration (ET) monitoring to improve groundwater sustainability.

2. Regional Conjunctive Use Project

Next Steps

- Form an ad hoc committee of landowners and support staff to advise on program development and implementation.

- **Key Outcomes**

- Feasibility studies
- Precision Irrigation Pilot Program

- **Consultant:** Larry Walker Associates
- **Project Total:** \$400,000
- **Estimated Completion Date:** 4/15/26

Questions?