

CITY OF YUBA CITY  
STAFF REPORT

**Date:** December 21, 2021  
**To:** Honorable Mayor & Members of the City Council  
**From:** Public Works Department  
**Presentation By:** Diana Langley, City Manager

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**Summary**

**Subject:** 2021 Urban and Multibenefit Drought Relief Funding Grant Application

**Recommendation:** Adopt a Resolution authorizing the grant application, acceptance, and execution for the Aquifer Storage Recovery System Project, and designate the Public Works Director or designee to execute any documents required for applying to the grant program and executing a funding agreement and related documents on behalf of the City

**Fiscal Impact:** Approximately \$15,000 in staff time and consultant fees through Account No. 7120-62701.

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**Purpose:**

To enhance the reliability of the City's water supply through optimization of the City's surface water rights and increasing the sustainability of the groundwater aquifer system.

**Background:**

The Department of Water Resources (DWR) was authorized by the State Legislature pursuant to the Budget Act of 2021 and Assembly Bill 148. DWR is combining \$200 million of this funding into the Urban and Multibenefit Drought Relief (UMDR) Grant Program.

Public Works staff and City consultants have assessed past drought conditions and the hydrogeology at the Water Treatment Plant to identify potential projects to improve the City's resiliency during extended periods of drought. In 2018, the City was awarded a drought resiliency grant from the United States Bureau of Reclamation to construct a second groundwater extraction well at the City's Water Treatment Plant.

**Analysis:**

Recently, the City contracted with West Yost Associates to prepare plans and specifications for the Second Groundwater Well Project. Public Works recommends ultimately utilizing the Second Groundwater Well to have both extraction and aquifer storage recovery (ASR) capabilities. An ASR well is an innovative concept that is becoming more popular in areas that are prone to droughts and that have experienced substantial drawdowns of the groundwater aquifer system during periods of drought.

After constructing three monitoring wells at various locations on the Water Treatment Plant property and analyzing the hydrogeology and groundwater aquifer, initial findings suggest an ASR well is feasible. Further investigation is needed to be able to obtain permission to construct an ASR well from the State. However, an ASR well will help fully utilize the City's allocated surface water, help improve groundwater sustainability for the Sutter subbasin and help the City prepare for future expansion.

Funding for an ASR well has not yet been identified. However, the ASR project is eligible for UMDR grant funding. In order to apply for the UMDR grant funding, DWR requires the City to adopt a Resolution authorizing the grant application and designating representatives authorized to sign the application and execute any agreements or other grant documents.

**Fiscal Impact:**

Developing the grant application is estimated to cost approximately \$15,000 in staff time and consultant fees. There is sufficient funding available in the Water Treatment Plant's Professional Services Account (7120-62710).

**Alternatives:**

Do not authorize the UMDR grant application and direct staff to pursue other sources of funding.

**Recommendation:**

Adopt a Resolution authorizing the grant application, acceptance, and execution for the Aquifer Storage Recovery System Project, and designate the Public Works Director or designee to execute any documents required for applying to the grant program and executing a funding agreement and related documents on behalf of the City.

**Attachments:**

1. Resolution

Prepared By:  
William Jow  
Assistant Engineer

Submitted By:  
Diana Langley  
City Manager

# ATTACHMENT 1

**RESOLUTION NO. \_\_\_\_\_**

**A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF YUBA CITY  
AUTHORIZING THE GRANT APPLICATION, ACCEPTANCE, AND EXECUTION FOR  
THE YUBA CITY AQUIFER STORAGE RECOVERY SYSTEM PROJECT**

WHEREAS, the City of Yuba City proposes to implement the Yuba City Aquifer Storage Recovery System Project; and

WHEREAS, the Yuba City Aquifer Storage Recovery System Project is being implemented in response to a drought scenario, as defined by Water Code section 13198(a) and is intended to: (1) address immediate impacts on human health and safety; (2) address immediate impacts on fish and wildlife resources; and/or, (3) provide water to persons or communities that lose or are threatened with the loss or contamination of water supplies; and

WHEREAS, the City of Yuba City has the legal authority and is authorized to enter into a funding agreement with the State of California; and

WHEREAS, the City of Yuba City intends to apply for grant funding from the California Department of Water Resources for the Yuba City Aquifer Storage Recovery System Project;

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Yuba City as follows:

1. That pursuant and subject to all of the terms and provisions of Budget Act of 2021, the City of Yuba City Public Works Director or designee is hereby authorized and directed to prepare and file an application for funding with the Department of Water Resources, and take such other actions as necessary or appropriate to obtain grant funding.
2. The City of Yuba City Public Works Director or designee is hereby authorized and directed to execute the funding agreement with the Department of Water Resources and any amendments thereto subject to any agreement approval as to legal form by the City Attorney.
3. The City of Yuba City Public Works Director or designee is hereby authorized and directed to submit any required documents, invoices, and reports required to obtain grant funding.

The foregoing Resolution was duly and regularly introduced, passed, and adopted by the City Council of the City of Yuba City at a regular meeting thereof held on the 21st day of December, 2021.

AYES:

NOES:

ABSENT:

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Dave Shaw, Mayor

ATTEST:

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Ciara Wakefield, Deputy City Clerk

APPROVED AS TO FORM  
COUNSEL FOR YUBA CITY:

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Shannon Chaffin, City Attorney  
Aleshire & Wynder, LLP