

# Yolo County Flood Control and Water Conservation District

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## 1. Project Description

**Index Number:** 19C

**Project Type:** Groundwater Quality Monitoring Plan

**Location:** Yolo County

**Proponent:** Yolo County Flood Control and Water Conservation District (YCFC&WCD)

The proposed project is the development of a groundwater quality monitoring program. The program is a two phase project where the first phase is the development of the framework of the plan based on stakeholder participation. The second phase would take existing data and monitoring and incorporate this information into the framework of the plan creating a centralized database of groundwater quality data. This information will be evaluated to create a baseline of groundwater quality conditions and will be updated to monitor those conditions. This information would be used with the Districts existing groundwater level monitoring grid.

## 2. Project Benefit/Beneficiary

**"New Water?"**— No. The project will use the monitoring to determine the level of groundwater storage that could potentially be developed.

**Quantity**— None.

**Increase in Supply for Local Area Short of Water?**— No. However, the results of this monitoring could help develop an increase in local supply.

**Intended Supply Beneficiary**— The intended beneficiary is agricultural water users in Yolo County.

**Water Quality Benefits?**— No

**Other Benefits?**— Good information to have in order to develop a conjunctive use plan.

## 3. Implementation Cost

The estimated cost for the feasibility study is \$249,896.

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## **4. Environmental "Red Flags"**

There are no known environmental red flags associated with this project. The study will address any potential environmental problems associated with the project.

## **5. Political/Implementation "Red Flags"**

In order for this project to succeed, stakeholders will need to approve.

## **6. Time Frame**

*Term*— YCFC&WCD is prepared to begin this project immediately. The project would be completed in approximately one year.

*Pilot Project(s)?*— No.