Yuba IRWMP – CID-06 GW Monitoring Well
Project Short Form[1]

Please fill out the following information to the best of your ability/knowledge. Once the project has been received, and a preliminary review completed, the project team will work with you to develop additional information.

PROJECT SPONSOR INFORMATION

Lead Agency/Organization	Cordua Irrigation District
Name of Primary Contact(s)	Charley Mathews Jr.
Mailing Address	9000 Mathews Lane
Email Address	mathewsc@succeed.net
Phone (###) ###-####	530-218-1009
Project Partners/Collaborators	YWA
YWA Liaison	JoAnna Lessard

GENERAL PROJECT INFORMATION

Project Title	Monitoring Well
Project Total Budget (Attach detailed budget, if available)	$37,634.00
Budget Breakdown	Planning/Design Budget:
	Implementation Budget: $37,634.00
Project Funding Match, if any	$10,000
Total Project Funding Request	$27,634.00
Project Location (Attach map if available)	Yuba County APN 005-050-015 NW corner
City/Community	Marysville
Watershed/subwatershed	Feather River
Groundwater Basin	Yuba North Sub-basin
Funding Area	SRFA or MC
Project Priority (Select one)	**High**/Medium/Low
Project Type (highlight in gray *all* that apply)	Conceptual Feasibility Study Study/Assessment Planning Engineering/Design Permitting CEQA/NEPA **Facility Construction** Restoration **Monitoring** **Best Management Practices** Acquisition Demonstration/Pilot Project

Please select the *status* of the CEQA/NEPA/Permitting for this project:

CEQA (Select one)	Exempt
NEPA (Select one)	Exempt
Permitting (Select one)	Identified

PROJECT DESCRIPTION

Write a narrative <u>briefly</u> describing the project components and/or characteristics (maximum of 300 words).

Cordua regularly participates in Groundwater Substitution Transfers in coordination with DWR and YWA. These are non-Accord transfers and subject to the stringent rules of DWR. New requirements set by DWR for the 2020 transfer required that all participating transfer wells have a corresponding monitoring well within a 2-mile radius. The monitoring well must not be used for the transfer and must have the same depth as the related transfer wells. Cordua installed a 240' deep monitoring well in 2020. A regular transfer well was not allowed to transfer due to the fact it was used as a monitoring well for 6 other transfer wells. The landlord with this particular well would like to participate in future transfers. It is important for Cordua to have an accurate and reliable monitoring well network. The district has been monitoring 50+ wells since 1991 and the accumulation of data is used to monitor groundwater conditions over time and prevent any third-party impacts to surrounding water users.

PROJECT RATIONALE/ISSUES STATEMENT

Briefly describe the need for the project and the desired outcomes/deliverables (maximum of 200 words).

Cordua regularly shares groundwater measurement data with participating agencies such as DWR and YWA. We also openly share data with other neighboring water districts who may lack sufficient monitoring information. YWA is also planning on adding monitoring wells in the area, and this particular location may also provide benefit to the rest of the monitoring network. Over time, many monitoring wells are being included in telemetry networks that are managed both by Cordua and YWA. Having real-time accurate data has greatly helped in avoiding third party impacts in past transfers and will continue to do so in other parts of the groundwater basin. DWR had announced at the end of last year that would no longer be monitoring many locations in the North Yuba Sub-basin. This puts additional pressure on local water districts and YWA to take over this function.
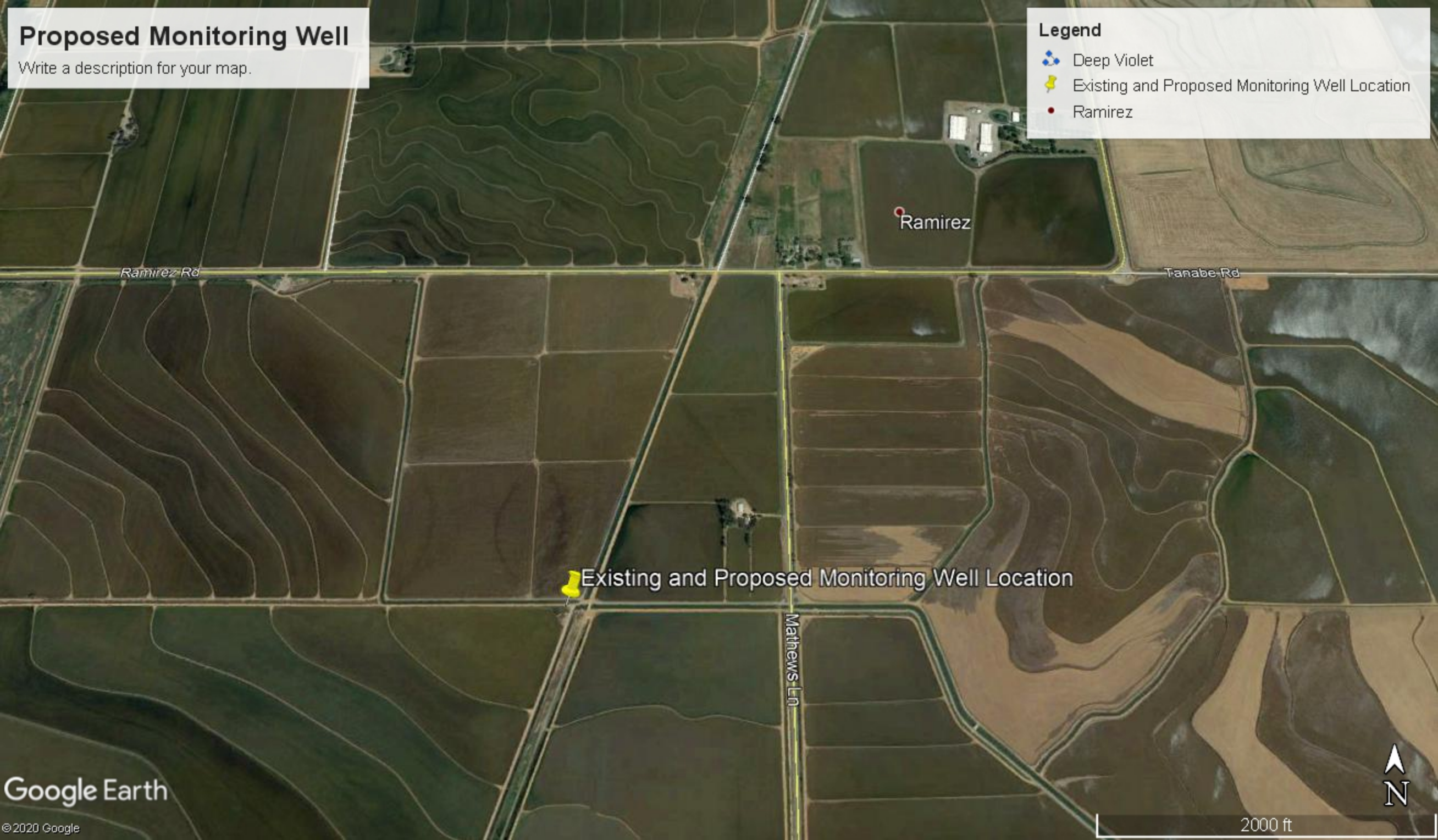
ATTACHMENTS:

- Map of project location

Proposed Monitoring Well

Write a description for your map.

Legend

- Deep Violet
- Existing and Proposed Monitoring Well Location
- Ramirez

Ramirez

Ramirez Rd

Tanabe Rd

Existing and Proposed Monitoring Well Location

Mathews Ln

Google Earth

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2000 ft