



## MINUTES

**SPECIAL MEETING OF THE  
GEORGETOWN DIVIDE PUBLIC UTILITY DISTRICT BOARD OF DIRECTORS  
JOINT WORKSHOP OF THE BOARD OF DIRECTORS AND FINANCE COMMITTEE  
ON THE DRAFT FY 2022-2023 OPERATING BUDGET AND CAPITAL IMPROVEMENT PLAN**

**TUESDAY, APRIL 26, 2022  
4:30 PM – 6:00 PM**

**Georgetown Elementary School Library  
6530 Wentworth Springs Road  
Georgetown, CA 956345**

### **BOARD OF DIRECTORS**

Michael Saunders, President  
Mitch MacDonald, Vice President  
Mike Thornbrough, Treasurer  
Donna Seaman, Director  
Gerry Stewart, Director

### **MISSION STATEMENT**

It is the purpose of the Georgetown Divide Public Utility District to:

- Provide reliable water supplies.
- Ensure high quality drinking water.
- Promote stewardship to protect community resources, public health, and quality of life.
- Provide excellent and responsive customer services through dedicated and valued staff.
- Ensure fiscal responsibility and accountability are observed by balancing immediate and long-term needs.

### **1. CALL TO ORDER, ROLL CALL, AND PLEDGE OF ALLEGIANCE**

- A. CALL TO ORDER – *President Saunders called the meeting to order at 4:37PM*
- B. ROLL CALL - *President Saunders, M. MacDonald, M. Thornbrough, D. Seaman, G. Stewart*
- C. PLEDGE OF ALLEGIANCE – *Director Seaman led in the Pledge of Allegiance.*

### **2. ADOPTION OF AGENDA**

- A. *Motioned by Director M. Thornbrough to adopt the agenda, seconded by Director G. Seaman.*
- B. **ROLL CALL VOTE:**
- C. *AYES: M. MacDonald, M. Thornbrough, D. Seaman, G. Stewart and President Saunders*
- D. *NOES: NONE*
- E. *ABSENT/ABSTAIN: NONE*
- F. **THE MOTION PASSED**

### **3. PUBLIC FORUM (ONLY ITEMS THAT ARE NOT ON THE AGENDA) NONE**

### **4. JOINT WORKSHOP ON THE DRAFT FY 2022-2023 OPERATING BUDGET AND CAPITAL IMPROVEMENT PLAN**

**A. INTRODUCTIONS – Director Michael Saunders, Board President**

- Finance Committee members: Steve Miller, Andy Fisher, Marilyn Boehnke, and Bob Stoffregen. GDPUD staff: Carol Arquette (temp Admin Aide), Jessica Buckle (Office/Finance Manager), Adam Coyan (General Manager)

**B. BUDGET REVIEW PROCESS – Director Mitch MacDonald, Vice-President**

- We have a fully staffed Finance Committee. The committee has been looking at the budget to actuals for much of the year. The GM has been working with the Finance committee on a draft budget which was reviewed at the March 24, 2022 Finance Committee Meeting.
- **President Saunders:** The draft budget will be reviewed today and the draft for final will be presented at the May meeting. June is when we have to send in our final budget to the Assessor's office.

**C. PRESENTATION OF DRAFT FY 2022-2023 OPERATING BUDGET AND CAPITAL IMPROVEMENT PLAN – Adam Coyan, General Manager**

- **Coyan:** Grants column included for \$169,000, no penalties assessed for FY 2021-22, but projected to incur for FY 2022-23.
- **Dir D Seaman:** Pg 4 “no new housing starts” explain? **GM A Coyan:** There is no projected growth that will increase the water revenue.
- **Jessica Buckle:** The late fee and lock off notices are going out in the May 1 billing. Due to the required “60-day notice” to customers, late fees will begin July 31 and lock offs will begin August 15.
- **President Saunders:** customers with multiple miners’ inches for irrigation have dropped off decreasing the revenue in irrigation due to the monthly base charges. 33/67 is the split between CDS and non-CDS. CDS pays into their own reserve and savings reserve.
- **S Miller:** What about SMUD? There is a significant reduction, almost \$50K, from what was budgeted in FY 21-22 and next year. **GM A Coyan:** the projected FY 22-23 is \$86K and that's coming in low. The actual for FY 20-21 \$108K but the info wasn't available in TYLER. **S Miller:** What about this interest income, that's really taken a dive? **GM A Coyan:** the LAIF fund that we have is at .2% so on \$7Million dollars, we make around \$3K-\$6K in interest income, if we had that at 10% that would be an extra \$700K in revenue a year. That is something the board should task the Finance Committee in researching what accounts and long-term savings we should move to. **President M Saunders:** yes, we tasked the Finance committee to research that. However, we first need to determine which funds are restricted and not. Once we get that figured out, we can look into better investments.
- **President M Saunders:** Add subcategories for fuel, (i.e., Gas/diesel/propane). **GM A Coyan:** Tyler will have indicators that we can track. **S Miller:** regarding solar, is there a tax write off? **GM A Coyan:** I don't believe we get a benefit for the tax write off. **President M Saunders:** Remember when we're thinking solar, we are not just an offset, we're building an “energy portfolio” for resilience. We have to be able to run the plants when we lose power due to storms, PSPS. it's a cost benefit (solar, propane or diesel). We are moving toward energy production with our hydro's, we may be able to sell back the energy at a different rate than

residential people.

- **President M Saunders:** We are going to be doing another rate study, in order to have new rates and capital improvements, we want to have assets management and KASL study, we need to know what we need for the resiliency of the district with a priority list so we can program them into our Capital improvement. The automated meters project and the salary survey came from the grand jury findings, an outside entity requiring the district to complete these projects.
- **Dir D Seaman** – Why did we have D/O (Directors and Officers) insurance in 2020? **President M Saunders:** it may have been due to a pending lawsuit as it was applied throughout the district. On page 16, we're not projecting any building maintenance for the upcoming budget? **GM A. Coyan:** No, we have the infrastructure in the CIP, but those are not maintenance items.
- **Dir M MacDonald:** There is a change in the director's stipend, is that because we were without one for a year? It went up 11%. **GM A. Coyan:** yes, that was 2021-22.
- Person comment: What is the status of wages? Is there a determined increase for next year? **GM A Coyan:** Yes, the COLA (Cost of Living Adjustments) is based on the union contracts, it tops out at 4%. Our current contracts are in negotiations. Our current contract is expired, and we are still following the current contract. **President M Saunders:** When the staff salary survey comes back, that might increase salaries as well depending on if we are underpaid in the entire area. We are losing applicants to Placerville and Sacramento due to competitive wages.
- **GM A. Coyan:** one error on the previous report was the tunnel lining and inspection, it showed \$65K and \$150 on the CIP sheet. The other error was on the infrastructure. Those have both been updated on the website and updated pages given to the board.
- **Dir D Seaman:** The Parshall Flume, is that an estimate? It seems pretty low. **GM A Coyan:** That is an estimate to buy 3-4 flumes and have our own staff install them. **President M Saunders:** That is why we need to apply for grants, if we can get outside funding for these projects. Every dollar we get for projects, is money we save and end up net positive. **GM A Coyan:** The flumes are important for stream gauging to see if we have water loss from the ditch.
- **GM A Coyan:** CIP projects completed by our own staff and not sent out to RFP would be repairing the safety walkways, annual canal lining, some pump station retrofitting, Parshall flume installation, pressure regulating valves, replace air release valves and plant pressure relief valves. There is a lot that our own staff complete. **President M Saunders:** We do have a consultant/project manager, Coastline, however with the projects that we have planned, we will probably put out an RFP for consultant/project manager/Engineer so we have someone onsite who can do all of the project management and understand the sequence of events. **Dir G Stewart:** Big kudos to you if you can accomplish all of that with the size of this organization within a year. **President M Saunders:** This is our 5-year CIP list, so we don't need to worry about accomplishing it all in one year. **GM A Coyan:** The asset management software is a huge power tool because we can plug in the jobs, and it schedules them out. Now we can schedule out the maintenance and have it all documented and visible to the public.
- **S Miller:** I'm curious about the ditch lining and the cost benefit return on that. My understanding is that there is a savings of 600 ac/ft and there is a tremendous amount of loss. Is there a way to sell that water? The fall off at the end of the ditch just ends back up in the watershed. **GM A Coyan:** so when you get when you purchase irrigation water you have a valve and you turn it on and that's it. It's turned on May 1 and you do not ever adjust that

valve and then you turn it off at the end of irrigation season. The way it really works, is people have it on, they say they're getting too much water, then they go up there and they adjust it down and then what happens is now the extra water it's going off the end of the ditch. Then the ditch tender comes and he's doing the readings at the Parshall flumes, notices that we have too much water and adjusts the ditch water. It takes 3 days to a week before that adjustment catches up 70 miles down the ditch. Then they customer who shut his valve down, adjusts it back to get more water and then customers down the ditch don't have enough water. The main waste of water on the ditch is customers not following irrigation policy. **President M Saunders:** One thing we can do is recycle. Is there a way to pump the fall off back up the ditch again? How much is that going to cost? Is that a cost benefit? That's why the ditch lining is a recommendation. We have considered a piping ditch which conflicts with fire mitigation. **Dir D Seaman:** There's an irrigation committee starting up May 19, 2022. They will address most of these questions. **Dir M Thornbrough:** Technically we have already been paid for that water. The water that falls off of the ditch is already sold and bought.

- **Dir M MacDonald:** What is the water wheel? Is that for power generation? **GM A Coyan:** Yes, some of them float in the ditch or sit under a spill gate and those are for micro-generation. That was put in just for planning. We have someone coming to do take a tour of the ditch and look things over to see if we have enough water to see if it would even be feasible to put out an RFP. They're doing that for free, the company name is "Helios Atlas". At our dam, we don't have power, so it would be nice to have a microgrid for our guys to use power tools or devices.
- **GM A Coyan:** I put the North Fork American River pumping station as a placeholder item. It is absolutely imperative that GPUD get a secondary source of water. I know it's a huge cost with a new water tank and a mile or 2 of line. There are thick books in my office on prior studies. This may affect water supply during prolonged periods of drought.
- **GM A Coyan:** The AMI meter infrastructure, that's something that's going to be an ongoing project. We will put towers so we can activate all of the meters for a real-time read. So, when rate payers get leaks, they won't be stuck with a 2-month bill. Some bills are over \$2,000 and with a leakage consideration which is 40% of that, you're still stuck with a large bill.
- **President M Saunders:** Project management forms, we have an example of a form the Finance Committee was requesting. It is a way to keep track of the projects and how much we've spent to date on a project. **Dir D Seaman:** There should be a line to add CEQA information or a check list added to the form.
- **President M Saunders:** That was one of the benefits of Tyler. Tyler let's us do the monthly, let us know the percentage changes, which we were kind of able to do with MOM but it required a lot of going to spreadsheets and Excel with mom. The program is a lot more versatile for the finance committee and for the board, but it also does more stuff for the staff as well. It's going to be able to implement with all of our things. The asset management, the AMR service, it will be a powerful tool.
- **S Miller:** Are you confident that Tyler will be able to give you the cash flow information? **President M Saunders:** There's an asset management program that we're purchasing that will do the asset management and this will be outside of Tyler. **S Miller:** That will be dollars over time? **President M Saunders:** Yes, and it will also have priority listing eg: A1, A2, A3... all the way down so you will be able to see which projects we prioritize over time for our CIP, which determines the projects we do first.
- **President M Saunders:** There is handout that the board and finance committee has, it will be

attached to the minutes. In relation to the need for secondary sources of water in relation to the CIP; There was a study done with the El Dorado Water Agencies, which was in conjunction with Placer, Sacramento, and other counties. It did a study of the American River Basin. It was a drought contingency plan to show what the resiliency is that is needed for the entire water agencies and districts based on climate, weather, drought, and fire. It shows their recommendations for every district. **(see attachment 1)** In order to get grants, we need to build these projects into the 5–10-year plan and then we can apply for the larger grants. Some specific vulnerabilities directly related to our district are: reduce surface water availability, (we only have one water source) unreliable groundwater supply, limited ability to share supply, We get \$108K per year from SMUD for our water rights to Loon Lake for 10K acre ft of water. We could look into getting our water rights back. 5-10 year recommendations are: 1. Construct a Canyon Creek reservoir; 2. Put more lining in the ditches and restore deterioration in treated pipeline; 3. Between EID and GPUD – regain our water rights with Loon Lake, build a conveyance system through Rubicon; 4. Digging down in Stumpy to augment our surface water storage. **(see attachment 2)**

- **Finance Committee Andy Fisher:** Every county is required to have a pre-hazard mitigation plan that they update every 5 years and that can be a pathway to federal dollars. Have we been asked to participate in that plan? It's a county level, office of Emergency Services usually. Pre- hazards include fire mitigation and anticipating the water quality damage after a fire or drought. **President M Saunders:** I'm planning on having a town hall for fire mitigation, emergency hazards to go over that. Our region 9 director for FEMA is the one that we would contact for those grants. There is up to one billion dollars throughout the country for pre- hazard mitigation. Our pumping stations are wood, if they burn in a forest fire, there goes our ability to pump water.

#### **ATTACHMENTS**

1. American River Basin Study
2. CIP 5-10 year projects

#### **D. QUESTIONS AND ANSWERS**

#### **E. NEXT STEP IN THE PROCESS – Review of Proposed Budget and Capital Improvement Plan at the Regular Board Meeting of May 10, 2022.**

#### **5. Consider Authorizing the District to Conduct Meetings by Teleconference during the Period May 1 – May 31, 2022, as provided by Assembly Bill 361.**

**Possible Action:** Approve Resolution 2022-29 authorizing the District to continue teleconference meetings during the period May 1 to May 31, 2022.

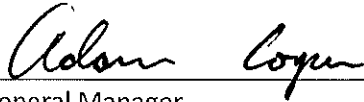
- *Motioned by Director M. Thornbrough to approve agenda items 5. Seconded by Director D. Seaman*
- **ROLL CALL VOTE:**
- *AYES: M. MacDonald, M. Thornbrough, D. Seaman, G. Stewart and President Saunders*
- *NOES: NONE*
- *ABSENT/ABSTAIN: NONE*
- **THE MOTION PASSED.**

#### **6. NEXT MEETING DATE AND ADJOURNMENT – The next Regular Meeting will be on May 10, 2022, at 2:00 P.M. at the Georgetown Divide Public Utility District, 6425 Main Street, in Georgetown. Details to follow.**

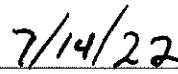
- *Motioned by Director M. Thornbrough to adjourn. Seconded by Director M. MacDonald*

- **ROLL CALL VOTE:**
- **AYES:** M. MacDonald, M. Thornbrough, D. Seaman, G. Stewart and President Saunders
- **NOES:** NONE
- **ABSENT/ABSTAIN:** NONE
- **THE MEETING ADJOURNED.**

In compliance with the Americans with Disabilities Act, if you are a disabled person and you need a disability-related modification or accommodation to participate in this meeting, please contact the District Office by telephone at 530-333-4356 or by fax at 530-333-9442. Requests must be made as early as possible and at least one-full business day before the start of the meeting. In accordance with Government Code Section 54954.2(a), this agenda was posted on the District's bulletin board at the Georgetown Divide Public Utility District office, at 6425 Mainstreet, Georgetown, California, on April, 19, 2021.



Adam Coyan, General Manager



Date



# AMERICAN RIVER BASIN STUDY

## PROJECT PURPOSE

The American River Basin Study (ARBS) leverages recent investments in analytical tools for local project operations in the upper American River Basin, and information on regional infrastructure capacity. The study will form a comprehensive, basin-wide analytical framework for unifying Federal and regional planning. Refined hydrology to be developed through the ARBS will be used to assess regional and agency-specific vulnerability to climate change and the effectiveness of identified mitigation and adaptation strategies.



CITY OF FOLSOM



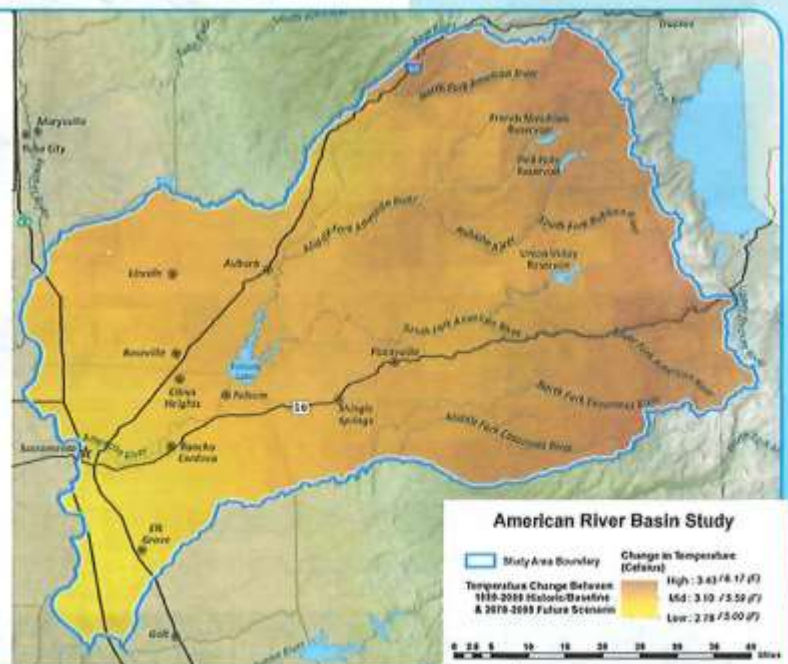
## REGIONAL APPROACH TO ADDRESS CLIMATE CHANGE AND WATER SUPPLY IMBALANCE

Build from the U.S. Department of the Interior, Bureau of Reclamation's (Reclamation) Sacramento and San Joaquin Rivers Basin Study (SSJRBS), completed in March 2016.

- ▶ Forecasts the potential impacts of climate change on water supply, water quality and critical habitat within California's Central Valley.
- ▶ Included 60,000 square mile study area for the SSJRBS encompasses all main tributaries within the Central Valley as well as the Sacramento-San Joaquin Delta (Delta), the largest estuary on the west coast of North America.
- ▶ Outlines projected impacts from climate change on various natural resources and presents portfolios of broad adaptive strategies for consideration by water agencies and other interests.
- ▶ Opportunities to improve Reclamation's flexibility in operating Folsom Reservoir to meet flow and water quality standards and protect endangered fishery species in the American River.

## STUDY OBJECTIVES

- ▶ Address regional demand-supply imbalance and infrastructure deficiencies under the threat of climate change.
- ▶ Improve regional self-reliance and collaboration for sustainable water resources management and quality of life.
- ▶ Integrate regional water supply reliability with operational flexibility for Reclamation's Folsom Dam and Reservoir to help meet all authorized purposes of the CVP.
- ▶ Align regional water management strategies and planning efforts with those of Reclamation.





## Integrated Regional Watershed Management Program: River Models & Water Supply Alternatives

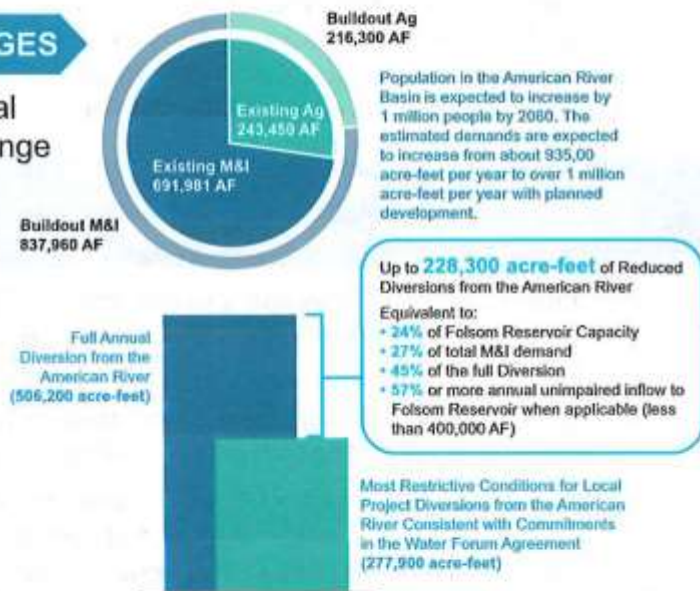
Several complementary cost-share efforts have been identified that will assist in development of the ARBS, including:

- ▶ Regional Water Reliability Plan
- ▶ Inflow Temperature Regression Model for Folsom Lake
- ▶ Folsom Reservoir CE-QUAL-W2 Model
- ▶ Lake Natoma CE-QUAL W2 Model
- ▶ Lake Natoma CE-QUAL W2 Model
- ▶ Lake Natoma CE-QUAL W2 Model
- ▶ Lake Natoma CE-QUAL W2 Model
- ▶ Lower American River HEQ 5Q Model Update
- ▶ Alder Reservoir Feasibility Update
- ▶ Alder Reservoir Options Development Analysis

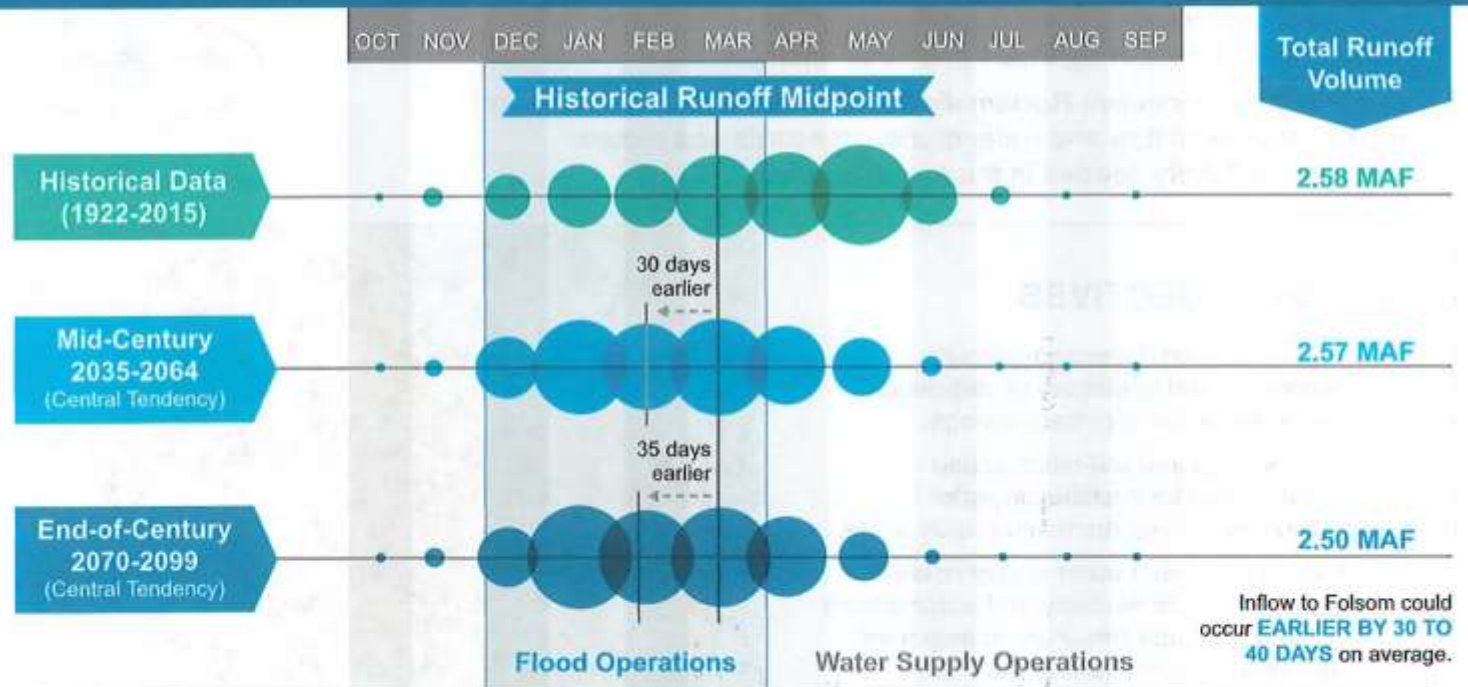
## MAGNITUDE AND FREQUENCY OF WATER SHORTAGES

The historic drought serves as an indicator of the potential future supply and demand imbalances under climate change that include the following:

- ▶ Part of SMUD's hydropower system called the Upper American River Project (UARP)
- ▶ Population growth
- ▶ Revised CVP Operations
- ▶ Water Right Curtailments and Facility Constraints
- ▶ Gap between Federal and Local Project Operations
- ▶ Climate Change



## POTENTIAL EFFECTS ON WATER SUPPLY AVAILABILITY AND FLOOD OPERATIONS



- Earlier runoff would **increase the chance of spills** from Folsom reservoir during flood season.
- Earlier runoff would **reduce water supply** available during summer and fall for M&I, ecosystem, hydropower irrigation, recreation, etc.

For more information visit [EDWaterAgency.com](http://EDWaterAgency.com)

A public agency created under the 1939 El Dorado County Water Agency Act.



<p>Construct Canyon Creek Reservoir to provide water supply redundancy and improve reliability</p>	<p>GDPUD</p>	<p>Agency</p>	<p>Augment Surface Water Storage</p>	<p>This is a storage project on Canyon Creek below the confluence with Dark Canyon Creek. Water will be conveyed through 2.6 miles of pipeline and tunnel to a site north of Greenwood. It would provide gravity supply water to the western and southwestern portions of GDPUD's service area below 2,000 feet.</p>	<p>A</p>
<p>Line ditches/restore deteriorating pipelines to reduce conveyance losses and improve water supply reliability and efficiency</p>	<p></p>	<p>Agency</p>	<p></p>	<p>This will install a gravity flow intertie using Highway 49 as a conduit, strengthening the mutual aid program between public water agencies, and increasing regional collaboration. This has been previously examined by EID. Another intertie location could be between Swansboro (near Mosquito) and GDPUD area via USFS roads/public lands. The intertie could be a raw water route for future GDPUD water rights from SMUD facilities under the Agency's 1927 water rights process and drought water supply storage rights in Union Valley Reservoir.</p>	<p>A</p>
<p>Construct intertie between EID and GDPUD to improve water supply reliability during drought conditions</p>	<p>EID, GDPUD</p>	<p>Agency</p>	<p>Improve/Expand Water Infrastructure</p>	<p>This will consist of increasing storage capacity at Stumpy Meadows Reservoir.</p>	<p>B</p>
<p>Enlarge Stumpy Meadows Reservoir to increase storage capacity and water supply reliability</p>	<p>GDPUD</p>	<p>Agency</p>	<p>Augment Surface Water Storage</p>	<p>This will construct a gravity diversion conveyance system from the South Fork of the Rubicon to Pilot Creek upstream of Stumpy Meadows Reservoir. It will require Agency to negotiate with SMUD under the reopening provision of the EID Dorado-SMUD Cooperation Agreement and would likely require payment to SMUD</p>	<p>C</p>