



## AGENDA

Georgetown Divide Public Utility District  
6425 Main Street, Georgetown, California 95634

### IRRIGATION COMMITTEE

#### Regular Meeting

Thursday, November 17, 2022  
2:00 P.M.

#### Irrigation Committee

Ray Griffiths, Chairman  
Bill Threlkel, Vice Chair  
Carla Sutton, Secretary  
Fran Todd

Alexandra Duarte  
Kristy McKay  
Eric Mede

#### Board of Directors Liaison

Donna Seaman  
Gerry Stewart

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### MISSION STATEMENT

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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.
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**NOTICE:** This meeting will be held in accordance with Resolution 2022-49 of the Georgetown Divide Public Utility District which allows the committee to meet with the provisions of the Brown Act as described in Assembly Bill 361, Executive Order N-29-20, issued by California Governor Gavin Newsom on March 17, 2020, the Ralph M. Brown act (California Government Code Section 54950, et seq.), and the federal Americans with Disabilities Act.

Due to the current evacuation order for Georgetown related to the Mosquito Fire, and the closure of the district office, located at 6425 Main Street in Georgetown, **this meeting will be by video conference only**. All members of the public may participate in the meeting via video conference at:

<https://us02web.zoom.us/j/7656449744?pwd=KzdUMndmT2dlS0djM01xOUVGTDNldz09>

Meeting ID: **765 644 9744** and Password: **800609** or via teleconference by calling 1-669-900-6833, meeting id: **765 644 9744** and password **800609**: and will be given the opportunity to provide public comment. please note that any person attending via teleconference will be sharing the phone number from which they call in with the committee and the public.

The Irrigation Committee Chairperson is responsible for maintaining an orderly meeting.

1. **CALL TO ORDER —**

- **ROLL CALL**
- **PLEDGE OF ALLEGIANCE**

2. **ADOPTION OF AGENDA**

3. **PUBLIC FORUM** - Any member of the public may address the Irrigation Committee on any matter within the jurisdictional authority of the Irrigation Committee. Public members desiring to provide comments, must be recognized by the Committee Chairman. Comments must be directed only to the Irrigation Committee. The Irrigation Committee will hear communications on matters not on the agenda, but no action will be taken.

4. **APPROVAL OF MINUTES** – September 15, 2022

5. **IRRIGATION COMMITTEE MEMBER COMMENTS AND REPORTS**

- Chairman, Board Report

6. **INFORMATIONAL REPORTS**

- A. Water Resources
- B. Operations Report
- C. November Water Assessment — Fire Statistics

7. **Action Items**

- A. Continue Review Ordinance 2005-01 recommend changes to Board (Starting with Section 2)

8. **AGENDA ITEMS FOR NEXT IRRIGATION COMMITTEE MEETING**

9. **NEXT MEETING DATE AND ADJOURNMENT** – The Irrigation Committee set the 3<sup>rd</sup> Thursday of the month for regular committee meetings during the irrigation season and as needed or directed by the Board of Directors. The next regular Irrigation Committee meeting is February 16, 2023.

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, 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 Main Street, Georgetown, California, on February 16, 2023.

  
\_\_\_\_\_  
Nicholas Schneider, General Manager

11-10-2022  
\_\_\_\_\_  
Date



## MINUTES

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6425 Main Street, Georgetown, California 95634

### IRRIGATION COMMITTEE

#### Regular Meeting

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2:00 P.M.

#### Irrigation Committee

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Bill Threlkel, Vice Chair  
Carla Sutton, Secretary  
Alexandra Duarte

Frances Todd  
Kristy McKay  
Eric Mede

#### Board of Directors Liaison

Donna Seaman  
Gerry Stewart

The Irrigation Committee Chairperson is responsible for maintaining an orderly meeting.

1. **CALL TO ORDER:** Vice Chairman Threlkel called the meeting to order at: 2:20PM

#### **ROLL CALL:**

**Committee Members Present:** Bill Threlkel, Carla Sutton, Fran Todd, Kristy McKay, Alexandra Duarte (joined later)

**Committee Members Absent:** Ray Griffiths, Eric Meade

**Board Liaisons Present:** Director Stewart, President Saunders

**PLEDGE OF ALLGIANCE:** Bill Threlkel led the Pledge of Allegiance

2. **ADOPTION OF AGENDA**

Carla Sutton moved the agenda be adopted; Fran Todd seconded.

#### **Roll Call Vote:**

**Ayes:** Threlkel, Sutton, Todd, McKay,

**Nays:** None

**Absent:** Griffiths, Mede, Duarte (joined later)

**Motion: Carried**

3. **PUBLIC FORUM** - Public Comment: None
4. **APPROVAL OF MINUTES** – Regular meeting **August 18, 2022**

Motion was made by Carla Sutton, seconded by Kristy McKay

#### **Roll Call Vote:**

**Ayes:** Threlkel, Sutton, Todd, McKay,

**Nays:** None

**Absent:** Griffiths, Mede, Duarte (joined later)

**Motion:** **Carried**

## 5. IRRIGATION COMMITTEE MEMBER COMMENTS AND REPORTS

- Chairman, Board Report—Chairman Griffiths absent.
- Vice Chairman Threlkel welcomed the new committee members, Fran Todd

## 6. OLD BUSINESS

Review Ordinance 2004-01 recommend changes to Board

Note: Alexandra Duarte Joined the meeting.

Discussion was held on Section 1. Suggested changes as per the attached.

The balance of the Ordinance was tabled for the next meeting, starting with Section 2..

## 7. NEW BUSINESS

### A. Review Report on Water Restriction Alternatives — Kristy McKay

In May, the season was shortened to September 1<sup>st</sup>. At the May meeting, this committee discussed what they would like to see happen. Most of the points have already been addressed or implemented.

We recommend/request the GDPUD Board of Directors investigate the following options to allow the extension of the irrigation season to the end of October for the 2022 Irrigation Season and in all subsequent years:

President Saunders noted that even though GDPUD is unique, State mandates are applied across the board and we are obligated to comply. The only to fight those mandates is go to the State—**State Water Resource Control Board (SWRCB)**. Go on line for meeting information for **Department of Water Resources** and **SWRCB**.

Kristy's report is attached.

### B. Information on Annual Water Assessment Process — President Saunders

The committee has discussed adjusting the irrigation season, which is something that is already being done at the District. This is done during the declaration of the annual water year. There is a built-in process.

The “bible” is the Urban Water Management Plan (UWMP). Within UWMP is the Water Shortage Contingency Plan. Based on drought assessments, mandates and local conditions that leads to what planning you have and the way it is implemented. This year we are going to have supplies that are outside of projections due to the Mosquito fire which will impact next year.

We have on-going reassessments throughout the year. In a drought situation, we assess every month. Based on conditions we adjust the plan based on our shortage response actions.

In April we declare the annual water year and the irrigation season. Recommendations or changes to shift the season from this committee need to be presented at the **April** Board meeting. The **November** meeting reports on how we ended up. The **February** meeting will project where we will be for the upcoming year. This projection will help

decide the dates for the irrigation season.

## 8. AGENDA ITEMS FOR NEXT IRRIGATION COMMITTEE MEETING

- The Water Resources Report; Operations Manager Report should be regular agenda items.
- November Water Assessment — fire statistics how did it affect the irrigation system
- Continue with Ordinance review and recommendations

Kristy McKay moved to accept proposed agenda items for the November meeting. Bill Threlkel seconded the motion.

**Roll Call Vote:**

**Ayes:** Threlkel, Sutton, Todd, McKay

**Nays:** None

**Absent:** Griffiths, Mede, Duarte

**Motion: Carried**

9. **NEXT MEETING DATE AND ADJOURNMENT** – The Irrigation Committee set the 3<sup>rd</sup> Thursday of the month for regular committee meetings during the irrigation season and as needed or directed by the Board of Directors. The next regular Irrigation Committee meeting is November 17, 2022.

Carla Sutton motioned to adjourn; seconded by Fran Todd. Carried by assentation

Meeting adjourned at: 4:30PM

\_\_\_\_\_  
Carla Sutton, Committee Secretary /ca/

\_\_\_\_\_  
Date

**ORDINANCE 2005-01**

**AN ORDINANCE ESTABLISHING RULES AND REGULATIONS  
FOR IRRIGATION SERVICE IN THE GEORGETOWN DIVIDE  
PUBLIC UTILITY DISTRICT**

BE IT ENACTED by the Board of Directors of the GEORGETOWN DIVIDE PUBLIC UTILITY DISTRICT, County of El Dorado, State of California, as follows:

The rules and regulations for irrigation service within the GEORGETOWN DIVIDE PUBLIC UTILITY DISTRICT (“District”) are adopted by the Board of Directors of said District as hereinafter set forth.

**SECTION 1. General Conditions:**

(a) Control of System: District Works shall be under exclusive control and management of District personnel duly appointed by the Board of Directors.

(b) The District shall not be liable for interruption, shortage, or insufficiency of irrigation water supply, or for any loss or damage occasioned thereby.

**Committee: Need better definition – i.e., define what liability**

Suggested Change: Increase District Liability for Outages.

Challenges:

- Reduced revenue.
- Likely result in shifting cost from a group of customers to all customers.

Solutions:

- Revise ordinance.

(c) The District shall not be liable for damage to person or property resulting directly or indirectly from privately owned conduits, meters or measuring devices.

(d) Irrigation water is used at the customer’s own risk and the customer agrees to hold the District, its officers, and employees free and harmless from liability and damages that may occur as the result of

defective water quality, shortages, fluctuation in flow or pressure, interruptions in service or for failure to deliver water.

[See suggested change above \[Section 1\(b\)\]](#)

(e) Pumping of water by the customer is done at the customer's risk. The District assumes no liability for damage to pumping equipment or other damages as a result of turbulent water, shortages, excess of water or other causes.

(f) No purchaser of water from the District acquires a proprietary or vested right by reason of use. No purchaser acquires a right to resell water or to use for a purpose other than that for which it was applied nor to use it on premises other than indicated on the application. The terms, conditions, priorities, and allocation of irrigation service may be altered and amended by the Board of Directors. The District does not guarantee irrigation service customers the right to future service.

(g) The District expressly asserts the right to recapture, reuse and resell all waters originating from District Works.

**Committee:** Need clarification – at the source or once the water is in the canal

**Note:** Per Adam Brown this does not refer to a transfer of water, that is a totally different issue.

Suggested Change: District not allowed to transfer water.

Challenges:

- Self-imposed limitation on water rights.
- Legal implications.

Solutions:

- Currently not allowed without Board approval.

(h) Ditch tenders and other agents of the District shall have access to all lands irrigated from its water system and to all conduits for the purpose of inspection, examination, measurements, surveys, or other necessary purposes of the District with the right of installation, maintenance, control and regulation of all meters and other measuring devices, gates, turnouts, and other structures necessary or proper for the measurement and distribution of water. *The public is not allowed on ditches on private property.*

**Committee:** Need clarification – i.e., “the public”; add “without the express permission of the district and the property owner.

Note: Per Adam Brown the District easement, is 12.5' from the centerline of the canal (25' total, where terrain permits)

Suggested Change: Clarify public is not allowed on ditch on private property.

Solution: Update ordinance.

(i) No bridges, crossing, pipe, or other structures shall be placed in or over a canal without written permission of the District. Maintenance of the canal crossings shall not be the District's responsibility but shall rest with the owner of the crossing. Where the owner fails to maintain the crossing, the District may perform the necessary repairs or removal at the expense of the owner. Notice of the District's intent will be given, if possible, to the owner prior to the work commencing.

(j) No rubbish, garbage, refuse, chemicals, or animal matter from any source may be placed in or allowed to be emptied into any ditch, canal, or reservoir of the District.

**Committee:** Adam Brown stated the District does not use chemicals all clearing is done manually.

**There should not be an ABSOLUTE ban, but only environmentally safe products and only with the express permission of the District.**

Suggested Change: Ban pesticides/herbicides by District or property owners.

Challenges:

- Keeping ditches clear.
- Enforcement

Solutions:

- Increase policing of ditches.
- Increase manual ditch clearing.
- Evaluate alternative herbicides.

(k) District canals or reservoirs shall not be used for swimming or bathing.

**Committee:** should name reservoirs such as Greenwood Lake, Walton Lake and possible storm water reservoirs.

Suggested Change: Clarify no swimming or bathing allowed on system.

Solution: Update Ordinance.

(l) Livestock shall not be permitted to contaminate the water supply nor destroy or damage the canal system or use thereof. Property owners are liable for any damage due to livestock.



**Committee:** Leave as is.

Suggested Change: Clarify no livestock allowed on canal system.

Solution: Update Ordinance.

(m) No conveyance system shall cause a cross connection with the District's water system with any other source of water.

(n) No buildings, corrals or other structures, fences, trees, lines or bushes shall be permitted upon rights-of-way or use thereof be made in any way except by written authority of the District. Construction of fences and/or gates is not permitted without written approval of the specifications by the General Manager.

(o) Violation of Rules and Regulations: Failure to comply with rules and regulations of the District shall be sufficient cause for terminating irrigation service as determined by the Board of Directors.

(p) Any person dissatisfied with any determination of the District management shall have the right to appeal to the Board of Directors.

(q) Amendments: The Board of Directors of the District may at their discretion alter, amend, or add to these rules and regulations. The Board of Directors will follow applicable laws during this process.

SECTION 2. Application for an Irrigation Service Account: **Take up here at November meeting.**

(a) No irrigation service will be rendered until a complete application for an Irrigation Service Account has been approved and is on file at the office of the District. Applications will be accepted between January 1<sup>st</sup> and March 1<sup>st</sup> for the impending irrigation season. The application for service shall state that the customer agrees to abide by the terms and conditions for service as established in the Irrigation Ordinance.

(b) Applications will be approved where the District Works have sufficient capacity to meet service requested. Applications will be considered for approval utilizing the following priority system:

Priority 1. Applications for Irrigation Service to parcels that received irrigation service during the immediate past irrigation season.

- Priority 2. Applications for Irrigation Service to parcels with the most recent active Irrigation Service Account during the previous ten (10) irrigation seasons
- Priority 3. New applications for irrigation service to parcels that have been made after the 2003 irrigation season with priority established by
  - (l) All Irrigation Service Accounts must have an the earliest season applied for. Applications and priority are specific to the section of ditch the parcel is located near.

Competing applications within the same priority level, will be determined by public lottery.

Suggested Change: Clarify that irrigation service runs with the parcel.

Challenges: None - Ordinance already addresses this.

Solutions: Revise ordinance to clarify.

(c) Applications for an increase to service will receive Priority 3 status for the requested increase.

(d) Applications must in all cases be signed by the holder of title to the property requesting irrigation service. If the property requesting irrigation service is leased, two months of charges must be paid in advance. The landowner of leased property shall be responsible for all charges or assessments.

(e) Applications for an Irrigation Service Account to benefit a parcel of land that is not adjacent to the District Works must be accompanied by a legally recorded easement that allows the conveyance of water to the parcel requesting irrigation service. The easement shall grant the District the right of ingress and egress for inspection, installation and maintenance purposes.

(f) New applications for Out-of-District Irrigation Service Accounts will not be approved by the Board of Directors. An existing Out-of-District Irrigation Service Account that is inactive for two or more

years will be deleted from the District's accounts and the service will be permanently removed.

### SECTION 3. Distribution of Water:

(a) The irrigation season shall generally be from May 1 through October 1 of each year. The Board of Directors shall consider changes to the irrigation season to respond to climactic conditions and may implement such changes by a majority vote.

Suggested Change: Extend/adjust irrigation season.

Challenges:

- Ensure adequate water supply.
- Ensure adequate time for off-season maintenance.

Solutions:

- Ordinance already allows Board to extend season.
- Annual assessment of water supply risk.
- Annual assessment of needed maintenance.

(b) The District does not guarantee irrigation water under pressure from the District Works. Pressure requirements of the customer are the sole responsibility of the customer, and the District shall not be liable for any damage to equipment used to provide pressure to the customer.

(c) Water is distributed under continuous flow. Water must be used continuously during all days and nights including holidays and Sundays and no allowances shall be made for failure to use water when it is made available. Failure to use water on schedule shall not entitle the customer to any rebate.

Suggested Change: "Change "must be" to "may be" used continuously..."

Challenges:

- Ditches run continuously.
- Flow based on annual allocations.

Solutions:

- Replace gravity irrigation system with pressure system similar to treated water.

Suggested Change: District must notify of outages.

Challenges: Emergencies

Solutions

- Provide advanced notice of planned outages.
- Utilize phones for widespread notices.
- Ordinance update not required.

(d) Irrigation service is provided for the entire irrigation season. Customers shall pay for irrigation service for the entire irrigation season regardless of their interest or ability to use water.

(e) When interruptions to irrigation service due to failure of the District Works extend beyond five (5) days, proportionate adjustments for such water loss will be made.

See suggested change above [Section 1(b)]

(f) Irrigation customers shall pay a proportionate amount for irrigation service when the irrigation season is extended or shortened by the Board of Directors.

See suggested change above [Section 1(b)]

(g) Unauthorized connections or the taking of water in an amount greater than applied and paid for, by any means, is a misdemeanor under California Penal Code Section 498 and shall be subject to criminal prosecution under Section 498 and any other applicable laws. In addition, the District may bring a civil action for damages and may refuse future service to the parcel.

(h) Irrigation customers shall prevent any unnecessary or wasteful use of water. Should a customer permit wasteful use of water, the District may discontinue service if such condition is not corrected within five (5) days after giving the parcel owner written notice of intention to terminate service.

(i) No more than one parcel shall be served through each Irrigation Service Account except with the prior written approval of the Board of Directors. Any such approval shall be recorded against each parcel with the caveat that the agreement expires upon any change of ownership. Each Irrigation Service Account shall have independent service lines and sumps.

Suggested Change: Allow sharing of irrigation service.

Challenges:

- Disputes between property owners.

- Property transfers
- Right to service

Solutions:

- Increased enforcement.
- Record owner agreements against property.

Suggested Change: Increase Enforcement of Theft

Challenges:

- Lack of reporting.
- Lack of resources (i.e., time).
- Lack of enforcement mechanism.

Solutions:

- Increase penalties.
- Improve ordinance.
- Increase staff time.

(j) The minimum irrigation service for each Irrigation Service Account shall be one miner’s inch, from the open ditch system, and one-half miner’s inch from the irrigation pipeline system. In the future, the District may consider reducing the minimum irrigation service to one-half miner’s inch from the open ditch system and one-quarter miner’s inch from the irrigation pipeline system.

Suggested Change: Allow one-half (1/2) miners inch service for ditch customers.

Challenges: Increased clogging and maintenance.

Solutions:

- Increase maintenance effort and resources.
- May require more staff.

(k) All pumped services shall utilize a sump provided by the customer and acceptable to the District.

(l) All Irrigation Service Accounts must have an appropriate measuring device which shall be installed by the District. The customer shall pay the cost thereof including costs of installation. The District shall approve the location of the measuring device.

Suggested Change: Require District to pay for any upgraded metering devices.

Challenges: Shifts costs from one customer to all customers.

Solutions: Revise Ordinance.

(m) Customers receiving irrigation service who request a change in flow rate during the season shall be charged a fee set by the Board of Directors for the adjustment.

(n) Replacement of measuring devices shall be at the expense of the customer if the replacement is necessary due to abnormal wear or abuse.

Suggested Change: Require District to pay for any upgraded metering devices.

Challenges: Shifts costs from one customer to all customers.

Solutions: Revise Ordinance.

(o) Alternate Boxes -The Board of Directors shall not approve any new applications for Alternate Boxes.

(p) Unusual costs incurred by the District to provide irrigation service shall be paid in full by the applicant or customer. An estimate of the expense shall be approved by the property owner prior to work commencing.

#### SECTION 4. Charges, Rates and Billings:

(a) The District will maintain a uniform rate schedule which may be changed from time to time upon action of the Board of Directors. The rate schedule, by reference, is attached hereto and made a part of these rules and regulations.

(b) Irrigation billings are made bi-monthly (every two months) in advance.

Suggested Change: Spread billing over twelve months.

Challenges:

- Cash flow - payment delayed for months.
- Timing of new applications (January 1 - March 1)

Solutions:

- Multi-year service agreement.
- Early invoice (May 1)
- Late invoice (October 31)

(c) All penalties shall be charged as outlined on the billings

(d) Disconnected irrigation service accounts shall pay a fee to re-establish service

(e) Irrigation service accounts requesting verification of flow will pay a fee if the delivered flow is within 10% of the contracted amount

SECTION 5. REPEAL

(a) Upon the effective date of this Ordinance 2005-\_\_ all previously adopted Ordinances pertinent to the Rules and Regulations for Irrigation Service will be superceded and repealed, including, but not limited to, Ordinance 79-2, 79-8, 87-1, and 04-01.

PASSED AND ADOPTED at a regularly held meeting of the Board of Directors of the GEORGETOWN DIVIDE PUBLIC UTILITY DISTRICT this tenth day of May, 2005.

AYES: Bob Diekon, Norman Krizl, Doug Pickell, JoAnn Shepherd and Hy Vitcov

NOES: None

ABSENT: None

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Bob Diekon, President  
Board of Directors  
GEORGETOWN DIVIDE PUBLIC UTILITY DISTRICT

ATTEST:

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Henry N. White, Clerk and ex officio  
Secretary, Board of Directors

GEORGETOWN DIVIDE PUBLIC UTILITY DISTRICT

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I hereby certify that the foregoing is a full, true, and correct copy of Ordinance 2005-01 duly and regularly adopted by the Board of Directors of the Georgetown Divide Public Utility District, El Dorado County, California, at a meeting duly held on the tenth day of May, 2005.

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Henry N. White, Clerk and ex officio Secretary of the  
Georgetown Divide Public Utility District





## Georgetown Divide Public Utility District IRRIGATION COMMITTEE

### Request/Recommendation to the Board of Directors

The role of the GD-PUD Irrigation Committee is to provide recommendations to the Board in response to Board approved proposals on matters related to the District's Irrigation water services. It was precipitous that the Committee's June 16<sup>th</sup> meeting fell on the same day the District sent an announcement to GD-PUD customers outlining 2022 Emergency Water Conservation Regulation that would commence on Monday, June 20, 2022, including notice that the Irrigation Season would end a month early on September 1, 2022.

The announcement was reviewed and discussed, both as a Board approved action and as part of Agenda Item 7.C. of New Business (Review of the current District Irrigation Ordinance and the 2018 customer survey on Irrigation Ordinance). The following recommendations/requests to the GD-PUD Board are made pursuant to the motion made, seconded and unanimously passed by the 4 committee members present (Ray Griffiths, Bill Threkel, Carla Sutton, and Kristy McKay).

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The Committee's discussion ensued around the following points:

- The equity of potable water customers' usage only being reduced while irrigation water customers' usage is being cut off in its entirety for part of their season. Is there a way to temporarily lower the water levels to flow underneath the connection apparatus periodically during the season to attain usage reductions without total season cessation (as is done when repairs are done)?
- Is there a way to institute a voluntary reduction program for Irrigation Customers to temporarily reduce their account size? Section 3, item (j) of the Irrigation Ordinance states "In the future, the District may consider reducing the minimum irrigation service to one-half miner's inch from the open ditch system and one-quarter miner's inch from the irrigation pipeline system." Adam Coyan, GDPUD General Manager was asked if such technology existed to temporarily reduce miner's inch services, which he answered in the affirmative, *EXCEPT* that reducing from 1" to ½" presents clogging and flow problems to the service and is not recommended.
- Business Agriculture accounts should be identified separately from other irrigation accounts as state restrictions differ for those users.
- A public attendee remarked that treated water usage might increase with early irrigation water cut-off as customers with both treated & irrigation accounts may use treated water to replace their irrigation water use.
- The 2018 Survey on Irrigation Ordinance contained many comments regarding drought and Fire Weather that now extends well into October (*the Paradise fire occurred in early November*), and adjusting the Irrigation Season accordingly. Ending the Irrigation Season completely at September 1st leaves 2 months of lessened fire protection, not just for irrigation customers but for the entire community when ponds, pastures and other lands are allowed to dry out.

Following our June meeting, additional research into the 2018 survey uncovered a public letter to the editor of the Mountain Democrat describing community input at a Rural Communities Coalition (RCC) community meeting in September 2018 which included countless stories of yards, gardens, orchards and ponds drying out and not being nourished with water. These comments were made at the time that large increases in water rates being proposed, which is not a focus of this document, but the issue of dry conditions and related fire danger is ever more relevant. Fire Protection is an incidental use of domestic water.

While it is understood that water restrictions during drought are inevitable, the committee feels that there should be a more equitable approach between the reduced usage for potable water customers and the complete removal of access for irrigation water, with specific regard to wildfires.

We therefore recommend/request that the GD-PUD Board of Directors investigate the following options to allow the extension of the irrigation season to the end of October for the 2022 Irrigation Season and in all subsequent years:

- By review of district resources and data, determine early each year whether the start of the season can be delayed from 15 to 30 days (May 15 or June 1) and provide customers the required minimum 30 days' notice of such decision *(2023 season and future years)*.
- Research temporary flow reduction technology/fittings and explore how they can be applied to services above 1 miner's inch by mandatory or voluntary reductions for all or part of the season *(2022 season and future years)*.
- Research other innovative means to maintain irrigation water availability to address both personal and community fire protection that aligns with the duration of current fire seasons.

We further understand that this puts additional burden on GDPUD staff and offer the assistance of the Irrigation Committee in this research as appropriate.

By motion passed on June 16, 2022 by all four (4) Irrigation Committee Members present:

Ray Griffiths, Chair / Bill Threkel, Vice Chair / Carla Sutton, Secretary / Kristy McKay, Member

NOTE: Additional discussions were continued at the Irrigation Committee meeting of July 21, 2022 and have been incorporated herein.

*September 2022*

# GEORGETOWN DIVIDE PUBLIC UTILITY DISTRICT

## Auburn Lake Trails Wastewater Management Zone Report for September 2022

6E Presented to the GDPUD Board of Directors by: Alexis Elliott

October 11, 2022

Zone activities are completed in accordance with California Regional Water Quality Control Board Central Valley Region, *Waste Discharge Requirements for Georgetown Divide Public Utility District Auburn Lake Trails On-Site Wastewater Disposal Zone Order No. R5-2002-0031*.

- **Community Disposal System (CDS) Lots - 137**
- **Individual Wastewater Disposal System Lots - 898**

### Field Activities

- ✓ Routine Inspections: 62
- ✓ Property Transfer Processing: 7 Initial  
10e Follow Up  
9a Follow Up
- ✓ New Inspection 2(1668,1218)
  - Plan Review 2(1218,1668)
- ✓ Weekly CDS Operational 3
  - New Wastewater System 1(1668)
  - New CDS Tank 0
  - New Pump Tank 0

### Reporting

The monthly *Sanitary Sewer Overflow (SSO) – No Spill Certification* was submitted electronically to California Regional Water Quality Control Board on California Integrated Water Quality System (CIWQS) on October 3, 2022. Water Audit Submittal.

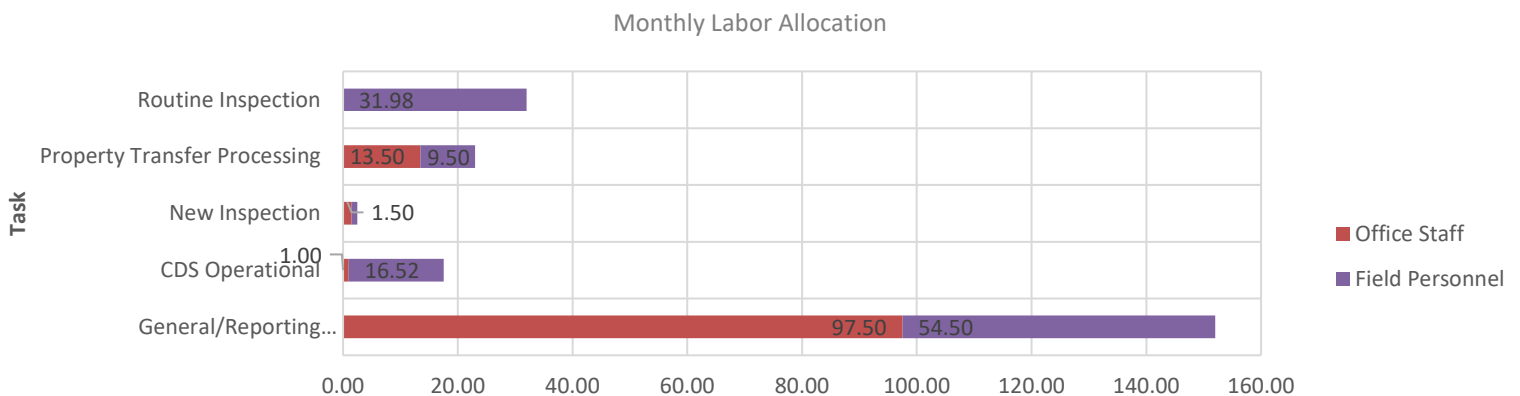
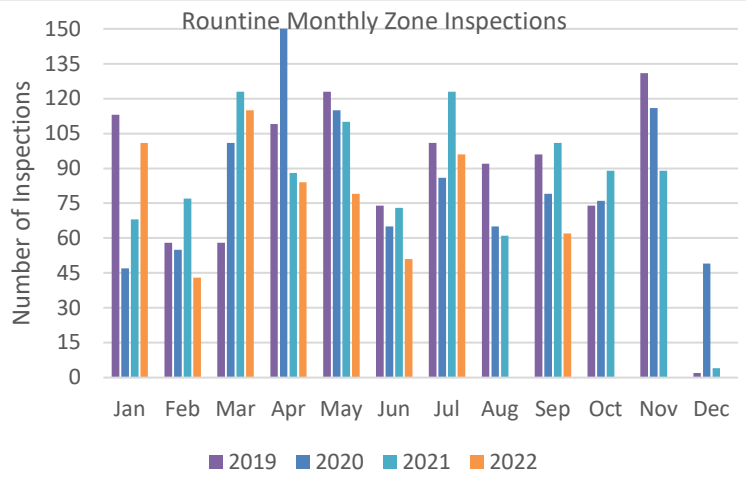
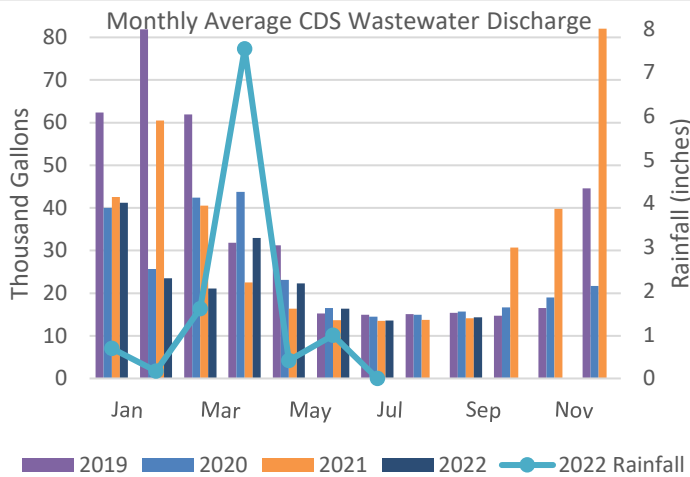
Notes: Holt generator service at station 16. 3<sup>rd</sup> quarter Zone samples. Mosquito fire. CDS D-box pump/clean out Sept. 6.

### CDS – Wastewater Discharge

430,600 gallons / 14,353 gallon/day average

### Rainfall

1.20

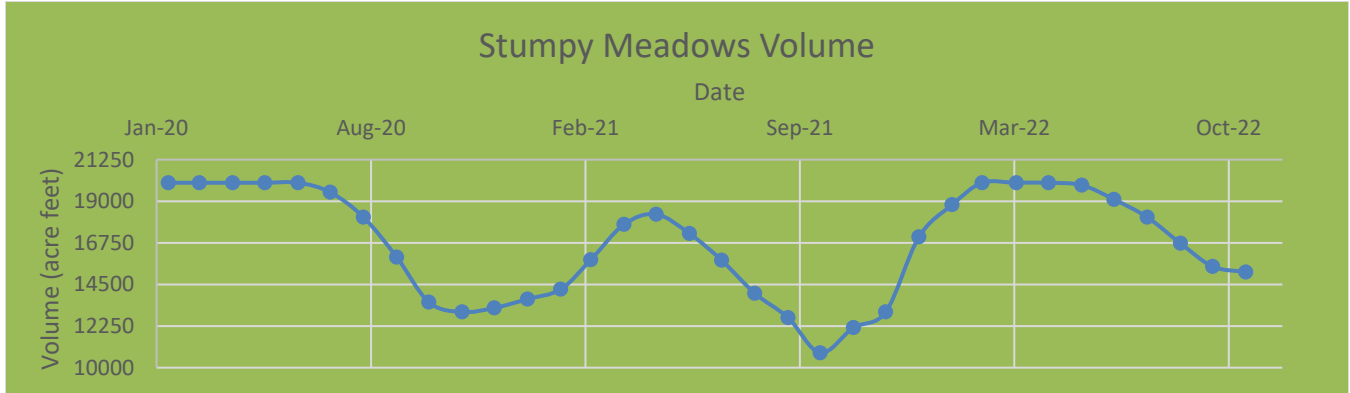


# GEORGETOWN DIVIDE PUBLIC UTILITY DISTRICT

## Operations Report for October 2022

Presented to the GDPUD Board of Directors

November 15, 2022



Note: Full Pool – 21,206 acre feet

### Treatment Operations

#### Walton Lake Treatment Plant

24.927 / 830,900 average gpd

0 – Emergency Alarms

- ✓ No operational shutdowns

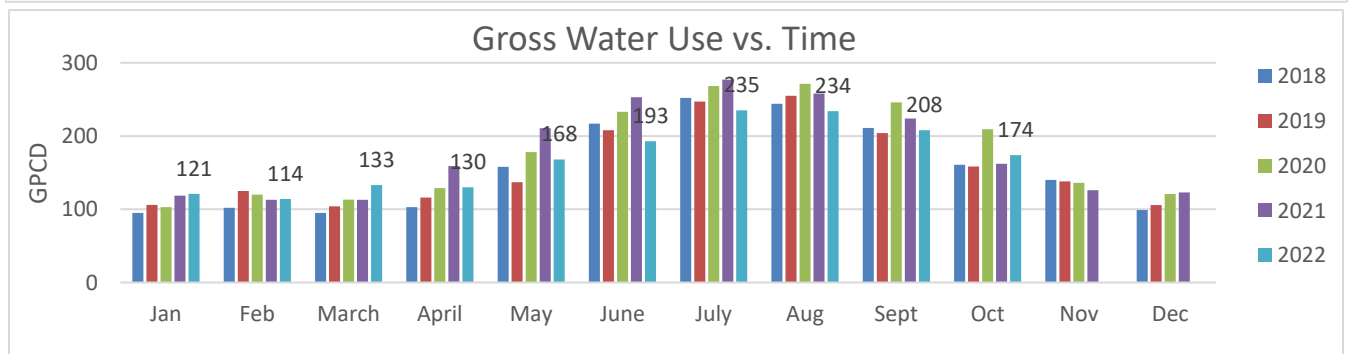
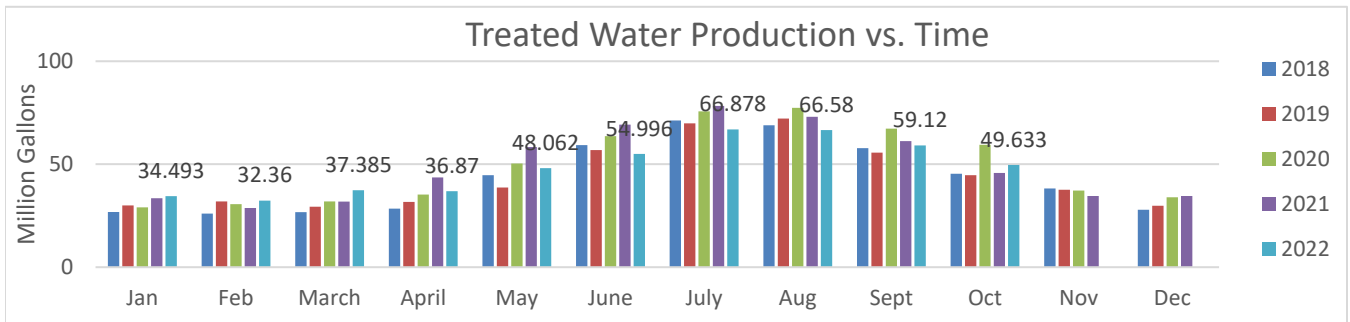
#### Water Quality Monitoring:

- ✓ All finished water was in compliance with drinking water standards.
- ✓ Collected routine bacteria distribution and quarterly disinfection by products samples.
- ✓ Distribution monitoring samples were absent of bacteriological contamination indicating adequate disinfection.

#### Sweetwater Treatment Plant

24.706 MG / 823,533 average gpd

0 – Emergency Alarms



**Notes:**

GPCD – Gallons per Capita per Day

mgd – millions gallons per day

# GEORGETOWN DIVIDE PUBLIC UTILITY DISTRICT

## Operations Report for September 2022

Presented to the GDPUD Board of Directors

October 11, 2022

### Summary of Field Work Activities

#### Distribution Crews

- Repaired Breaks: 4
- Repair/Replace Meter: 35
- Installed New Service: 1
- After Hours Callouts: 27
- Valves Exercised: 11
- Underground Service Alert Response: 113
- Service Calls:
  - 72 General Calls
  - 25 Occupant Changes
- Pump Station Operation
- Hydrant/Break Flushing
- Cleared Kelsey Tank Under Drain
- Meter Reading

#### Canal/Maintenance Crew

- Mosquito Fire Response
- STP Dam/Spillway Maintenance
- Greenwood Lake Maintenance
- Meter Reading



# GEORGETOWN DIVIDE PUBLIC UTILITY DISTRICT

## Operations Report for September 2022

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October 11, 2022

### Capital Improvement Program

#### Auburn Lake Trail Paving Project

- Kit Fox and Big Strike completed October 17 and 18<sup>th</sup>



#### Asset Management/Work Order Software

- Test Phase

#### Water Main Replacement

- Construction Drawings Completed and Pending Schedule

#### Conditions Assessment/Water Reliability Study

- Completed Raw Water Survey to Sweetwater Treatment Plant
- Digitizing of construction drawings

#### Automated Meter Project

- Received 99.9% of meter shipment
- As of 11/3 –66% or 2,507 meters have been installed
- 9/22/2022 – Submitted Reimbursement Request (\$85,216.64)
- Received SRF payments totally approximately 1.2 million dollars.
- Received WaterSMART grant funds

#### Annual Canal Lining

- Project on hold until after rainy season

#### AMI Meter Infrastructure

- Site Walk with Neptune for planning. Tentatively schedule for Fourth Quarter 2022.

#### Safety Walkways

- Project on hold until after rainy season

#### Pump Station Retrofit/Generator

- Project on hold for October

#### Pressure Regulating Valves at STP

- Meeting with District engineer to evaluate solutions.

## Monthly Water Demand Assessment

Month	2021		2022		Percent Change	
	Gross Water Use	Residential	Gross Water Use	Residential	Gross Water Use	Residential
January	119	107	121	72	3	-32.5
February	113	98	114	80	1	-18.5
March	112	119	133	109	16	-8.3
April	159	123	130	113	-18	-8.3
May	211	186	168	133	-19	-28.2
June	253	192	193	161	-24	-13.6
July	276	233	235	193	-15	-17.2
August	257	215	234	192	-9	-10.5
September	222	155	207	172	-7	10
October	161	150	174	141	8	-6
November	126	83				
December	122	60				
Average Reduction June through August					-13.5	-11

## Water Year (October – September) 2021/2022 Assessment

<https://www.gd-pud.org/water-supply>

**Water Loss Summary Table**

Water Season (May-September)	2019/2020	2020/2021	2021/2022
Treated Water Production	12%	13%	12%
Purchased Irrigation	47%	49%	53%
Conveyance Lost/Operations	34%	39%	22%
	6% - Up Country 16% - Kelsey 11% - Main	9% - Up Country 12% - Kelsey 19% - Main	10% - Up Country 11% - Kelsey 1% - Main
Gage Error	7%	1%	13%

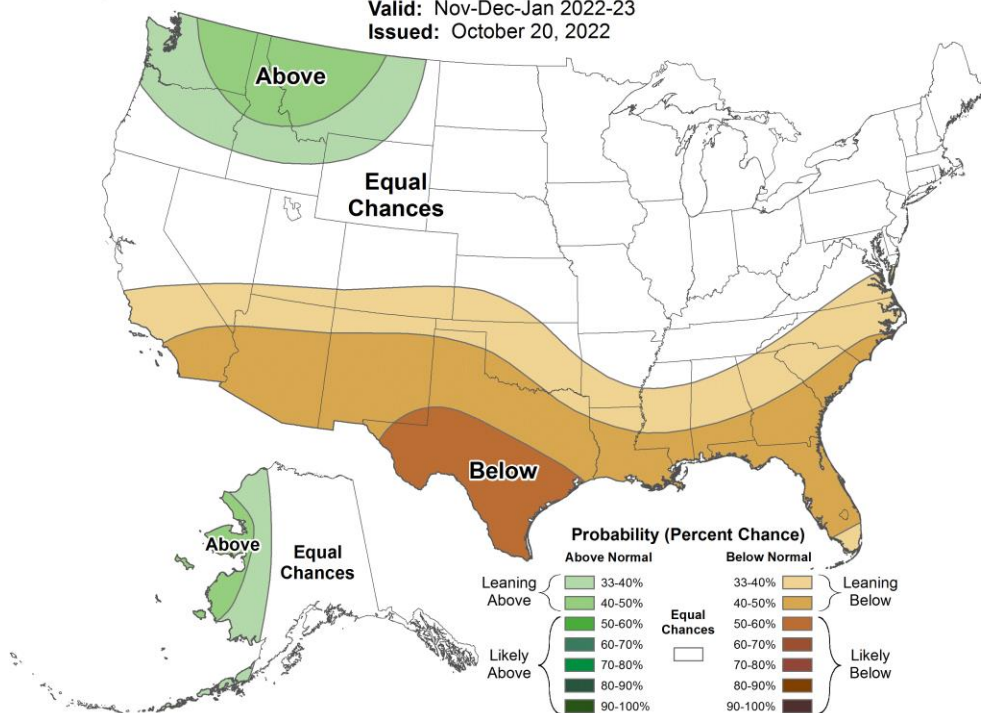
Treated water and raw water deliveries decreased between 2020/2021 and 2021/2022 water year while the percent of water delivered that was put to beneficial use, treated and irrigation delivery, increased. The District saw an approximate 723 acre foot increase in water available for future use.



# Seasonal Precipitation Outlook



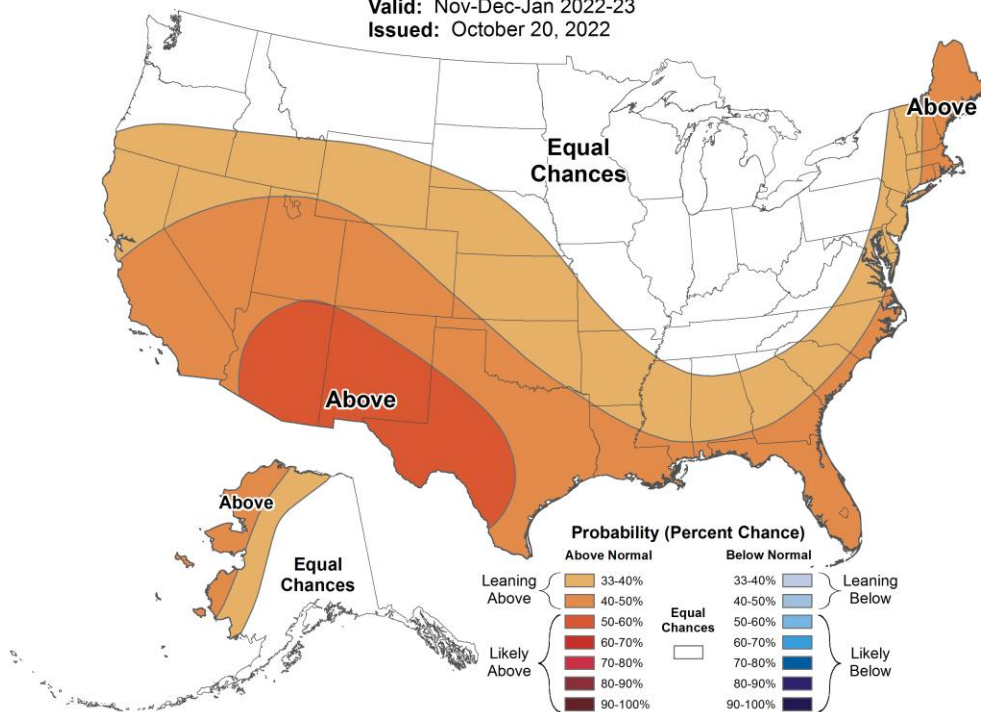
Valid: Nov-Dec-Jan 2022-23  
Issued: October 20, 2022



# Seasonal Temperature Outlook



Valid: Nov-Dec-Jan 2022-23  
Issued: October 20, 2022



Source: <https://www.cnrfc.noaa.gov/climoForecasts.php>

La Nina conditions have remained in place throughout the summer and into fall 2022. As detailed in the 90-day seasonal temperature and precipitation outlook prepared by National Oceanic and Atmospheric Administration (NOAA), forecast above normal temperatures and normal precipitation for Northern California between November and January.



## Water Supply/Budget

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November 1, 2022 - Stumpy Meadows at 105% of average

### 2021/2022 Water Year Water Budget Outcome Scenarios

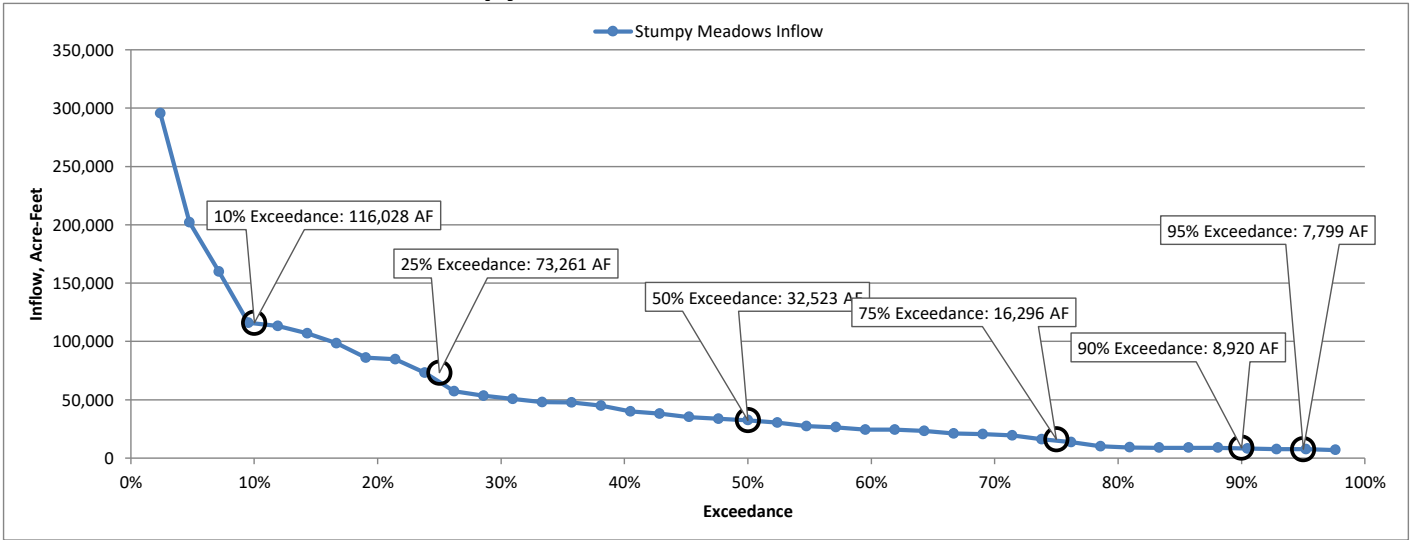
Exceedance Percentile	Stumpy Meadows Inflow (2022/2023 Water Year)
10 <sup>th</sup> Percentile	116,028
25 <sup>th</sup> Percentile	73,261
50 <sup>th</sup> Percentile	32,523
75 <sup>th</sup> Percentile	16,296
90 <sup>th</sup> Percentile	8,920
95 <sup>th</sup> Percentile	7,799

#### Notes

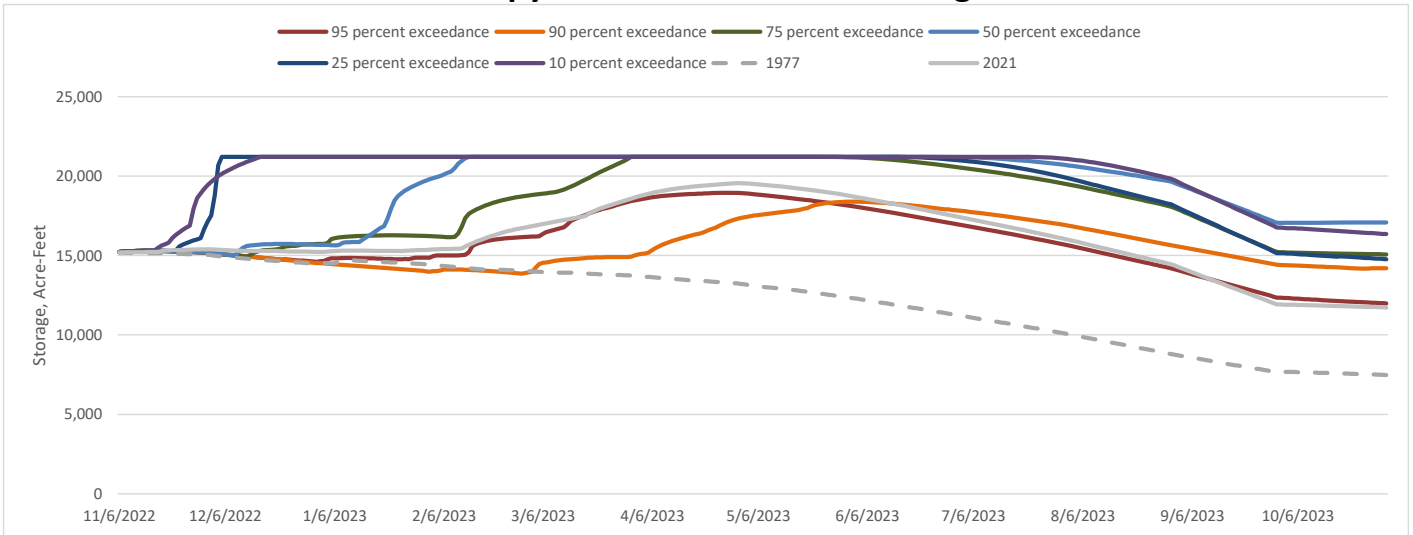
units – acre feet

A water budget was prepared for water year 2022/2023 and is included below. Utilizing current supply, projected demand, available climate forecast and the District's forecast tool, expected inflow into Stumpy Meadows is estimated to range between 7,799 and 116,028 acre feet (ac-ft). Results indicate there is an 80 percent chance 2022/2023 Stumpy Meadows inflow will meet District demands and therefore it is anticipated no water delivery restrictions for the 2023 water season. Forecast output charts are included below.

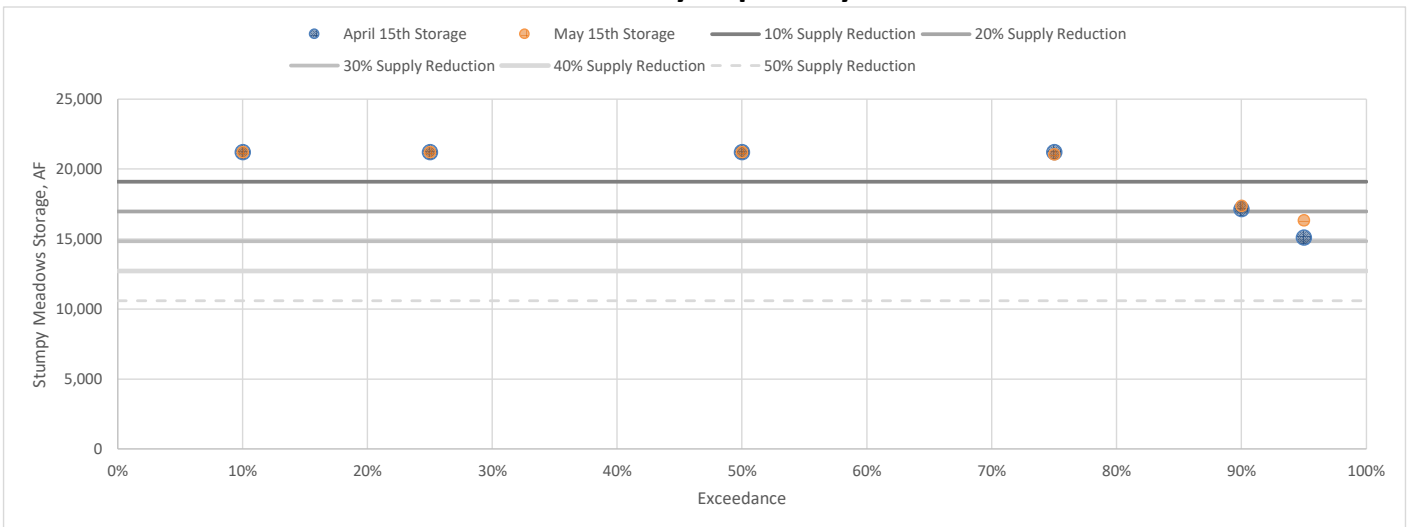
## Total Inflow to Stumpy Meadows Reservoir, Remainder of Water Year



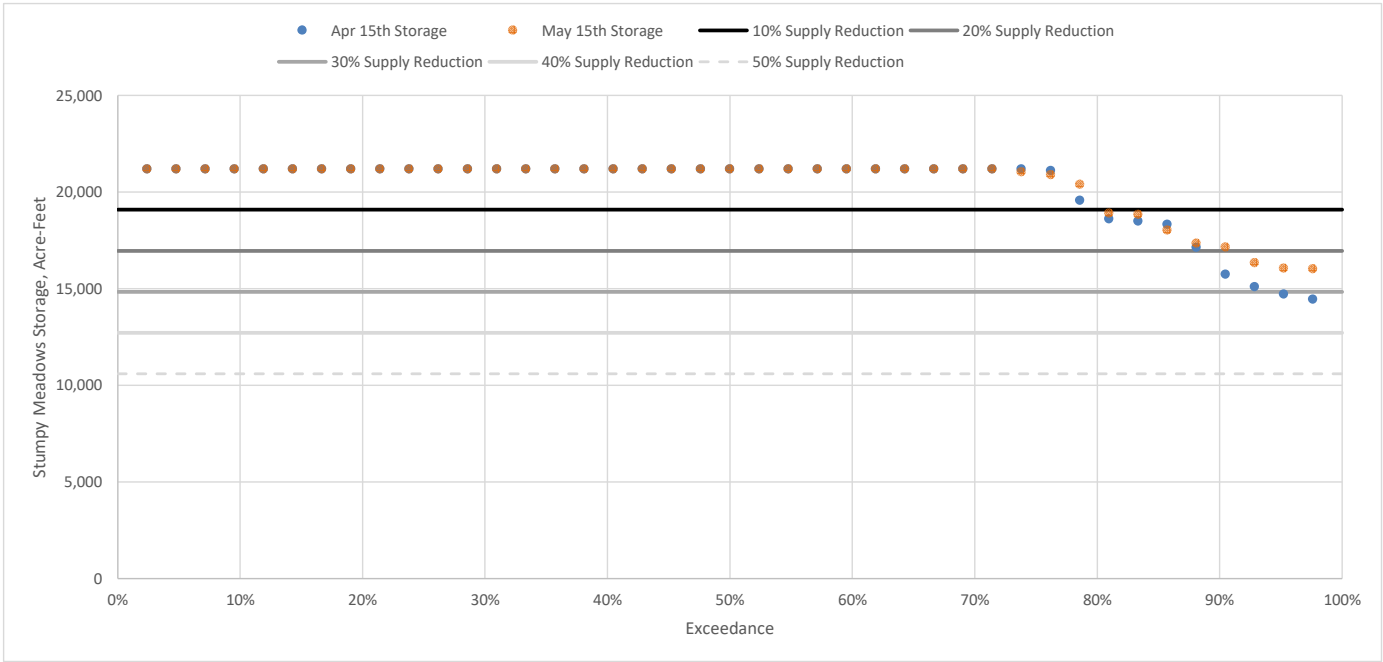
## Stumpy Meadows Reservoir Storage



## Delivery Capability



# Delivery Capability



**ORDINANCE 2005-01**

**AN ORDINANCE ESTABLISHING RULES AND REGULATIONS  
FOR IRRIGATION SERVICE IN THE GEORGETOWN DIVIDE  
PUBLIC UTILITY DISTRICT**

BE IT ENACTED by the Board of Directors of the GEORGETOWN DIVIDE PUBLIC UTILITY DISTRICT, County of El Dorado, State of California, as follows:

The rules and regulations for irrigation service within the GEORGETOWN DIVIDE PUBLIC UTILITY DISTRICT (“District”) are adopted by the Board of Directors of said District as hereinafter set forth.

**SECTION 1. General Conditions:**

(a) Control of System: District Works shall be under exclusive control and management of District personnel duly appointed by the Board of Directors.

(b) The District shall not be liable for interruption, shortage, or insufficiency of irrigation water supply, or for any loss or damage occasioned thereby.

**Committee: Need better definition – i.e., define what liability**

Suggested Change: Increase District Liability for Outages.

Challenges:

- Reduced revenue.
- Likely result in shifting cost from a group of customers to all customers.

Solutions:

- Revise ordinance.

(c) The District shall not be liable for damage to person or property resulting directly or indirectly from privately owned conduits, meters or measuring devices.

(d) Irrigation water is used at the customer’s own risk and the customer agrees to hold the District, its officers, and employees free and harmless from liability and damages that may occur as the result of

defective water quality, shortages, fluctuation in flow or pressure, interruptions in service or for failure to deliver water.

[See suggested change above \[Section 1\(b\)\]](#)

(e) Pumping of water by the customer is done at the customer's risk. The District assumes no liability for damage to pumping equipment or other damages as a result of turbulent water, shortages, excess of water or other causes.

(f) No purchaser of water from the District acquires a proprietary or vested right by reason of use. No purchaser acquires a right to resell water or to use for a purpose other than that for which it was applied nor to use it on premises other than indicated on the application. The terms, conditions, priorities, and allocation of irrigation service may be altered and amended by the Board of Directors. The District does not guarantee irrigation service customers the right to future service.

(g) The District expressly asserts the right to recapture, reuse and resell all waters originating from District Works.

**Committee:** Need clarification – at the source or once the water is in the canal

**Note:** Per Adam Brown this does not refer to a transfer of water, that is a totally different issue.

Suggested Change: District not allowed to transfer water.

Challenges:

- Self-imposed limitation on water rights.
- Legal implications.

Solutions:

- Currently not allowed without Board approval.

(h) Ditch tenders and other agents of the District shall have access to all lands irrigated from its water system and to all conduits for the purpose of inspection, examination, measurements, surveys, or other necessary purposes of the District with the right of installation, maintenance, control and regulation of all meters and other measuring devices, gates, turnouts, and other structures necessary or proper for the measurement and distribution of water. *The public is not allowed on ditches on private property.*

**Committee:** Need clarification – i.e., “the public”; add “without the express permission of the district and the property owner.

Note: Per Adam Brown the District easement, is 12.5' from the centerline of the canal (25' total, where terrain permits)

Suggested Change: Clarify public is not allowed on ditch on private property.

Solution: Update ordinance.

(i) No bridges, crossing, pipe, or other structures shall be placed in or over a canal without written permission of the District. Maintenance of the canal crossings shall not be the District's responsibility but shall rest with the owner of the crossing. Where the owner fails to maintain the crossing, the District may perform the necessary repairs or removal at the expense of the owner. Notice of the District's intent will be given, if possible, to the owner prior to the work commencing.

(j) No rubbish, garbage, refuse, chemicals, or animal matter from any source may be placed in or allowed to be emptied into any ditch, canal, or reservoir of the District.

**Committee:** Adam Brown stated the District does not use chemicals all clearing is done manually.

**There should not be an ABSOLUTE ban, but only environmentally safe products and only with the express permission of the District.**

Suggested Change: Ban pesticides/herbicides by District or property owners.

Challenges:

- Keeping ditches clear.
- Enforcement

Solutions:

- Increase policing of ditches.
- Increase manual ditch clearing.
- Evaluate alternative herbicides.

(k) District canals or reservoirs shall not be used for swimming or bathing.

**Committee:** should name reservoirs such as Greenwood Lake, Walton Lake and possible storm water reservoirs.

Suggested Change: Clarify no swimming or bathing allowed on system.

Solution: Update Ordinance.

(l) Livestock shall not be permitted to contaminate the water supply nor destroy or damage the canal system or use thereof. Property owners are liable for any damage due to livestock.

**Committee:** Leave as is.

Suggested Change: Clarify no livestock allowed on canal system.

Solution: Update Ordinance.

(m) No conveyance system shall cause a cross connection with the District's water system with any other source of water.

(n) No buildings, corrals or other structures, fences, trees, lines or bushes shall be permitted upon rights-of-way or use thereof be made in any way except by written authority of the District. Construction of fences and/or gates is not permitted without written approval of the specifications by the General Manager.

(o) Violation of Rules and Regulations: Failure to comply with rules and regulations of the District shall be sufficient cause for terminating irrigation service as determined by the Board of Directors.

(p) Any person dissatisfied with any determination of the District management shall have the right to appeal to the Board of Directors.

(q) Amendments: The Board of Directors of the District may at their discretion alter, amend, or add to these rules and regulations. The Board of Directors will follow applicable laws during this process.

SECTION 2. Application for an Irrigation Service Account: **Take up here at November meeting.**

(a) No irrigation service will be rendered until a complete application for an Irrigation Service Account has been approved and is on file at the office of the District. Applications will be accepted between January 1<sup>st</sup> and March 1<sup>st</sup> for the impending irrigation season. The application for service shall state that the customer agrees to abide by the terms and conditions for service as established in the Irrigation Ordinance.

(b) Applications will be approved where the District Works have sufficient capacity to meet service requested. Applications will be considered for approval utilizing the following priority system:

Priority 1. Applications for Irrigation Service to parcels that received irrigation service during the immediate past irrigation season.

- Priority 2. Applications for Irrigation Service to parcels with the most recent active Irrigation Service Account during the previous ten (10) irrigation seasons
- Priority 3. New applications for irrigation service to parcels that have been made after the 2003 irrigation season with priority established by
  - (l) All Irrigation Service Accounts must have an the earliest season applied for. Applications and priority are specific to the section of ditch the parcel is located near.

Competing applications within the same priority level, will be determined by public lottery.

Suggested Change: Clarify that irrigation service runs with the parcel.

Challenges: None - Ordinance already addresses this.

Solutions: Revise ordinance to clarify.

(c) Applications for an increase to service will receive Priority 3 status for the requested increase.

(d) Applications must in all cases be signed by the holder of title to the property requesting irrigation service. If the property requesting irrigation service is leased, two months of charges must be paid in advance. The landowner of leased property shall be responsible for all charges or assessments.

(e) Applications for an Irrigation Service Account to benefit a parcel of land that is not adjacent to the District Works must be accompanied by a legally recorded easement that allows the conveyance of water to the parcel requesting irrigation service. The easement shall grant the District the right of ingress and egress for inspection, installation and maintenance purposes.

(f) New applications for Out-of-District Irrigation Service Accounts will not be approved by the Board of Directors. An existing Out-of-District Irrigation Service Account that is inactive for two or more



years will be deleted from the District's accounts and the service will be permanently removed.

### SECTION 3. Distribution of Water:

(a) The irrigation season shall generally be from May 1 through October 1 of each year. The Board of Directors shall consider changes to the irrigation season to respond to climactic conditions and may implement such changes by a majority vote.

Suggested Change: Extend/adjust irrigation season.

Challenges:

- Ensure adequate water supply.
- Ensure adequate time for off-season maintenance.

Solutions:

- Ordinance already allows Board to extend season.
- Annual assessment of water supply risk.
- Annual assessment of needed maintenance.

(b) The District does not guarantee irrigation water under pressure from the District Works. Pressure requirements of the customer are the sole responsibility of the customer, and the District shall not be liable for any damage to equipment used to provide pressure to the customer.

(c) Water is distributed under continuous flow. Water must be used continuously during all days and nights including holidays and Sundays and no allowances shall be made for failure to use water when it is made available. Failure to use water on schedule shall not entitle the customer to any rebate.

Suggested Change: "Change "must be" to "may be" used continuously...

Challenges:

- Ditches run continuously.
- Flow based on annual allocations.

Solutions:

- Replace gravity irrigation system with pressure system similar to treated water.

Suggested Change: District must notify of outages.

Challenges: Emergencies

Solutions

- Provide advanced notice of planned outages.
- Utilize phones for widespread notices.
- Ordinance update not required.

(d) Irrigation service is provided for the entire irrigation season. Customers shall pay for irrigation service for the entire irrigation season regardless of their interest or ability to use water.

(e) When interruptions to irrigation service due to failure of the District Works extend beyond five (5) days, proportionate adjustments for such water loss will be made.

See suggested change above [Section 1(b)]

(f) Irrigation customers shall pay a proportionate amount for irrigation service when the irrigation season is extended or shortened by the Board of Directors.

See suggested change above [Section 1(b)]

(g) Unauthorized connections or the taking of water in an amount greater than applied and paid for, by any means, is a misdemeanor under California Penal Code Section 498 and shall be subject to criminal prosecution under Section 498 and any other applicable laws. In addition, the District may bring a civil action for damages and may refuse future service to the parcel.

(h) Irrigation customers shall prevent any unnecessary or wasteful use of water. Should a customer permit wasteful use of water, the District may discontinue service if such condition is not corrected within five (5) days after giving the parcel owner written notice of intention to terminate service.

(i) No more than one parcel shall be served through each Irrigation Service Account except with the prior written approval of the Board of Directors. Any such approval shall be recorded against each parcel with the caveat that the agreement expires upon any change of ownership. Each Irrigation Service Account shall have independent service lines and sumps.

Suggested Change: Allow sharing of irrigation service.

Challenges:

- Disputes between property owners.

- Property transfers
- Right to service

Solutions:

- Increased enforcement.
- Record owner agreements against property.

Suggested Change: Increase Enforcement of Theft

Challenges:

- Lack of reporting.
- Lack of resources (i.e., time).
- Lack of enforcement mechanism.

Solutions:

- Increase penalties.
- Improve ordinance.
- Increase staff time.

(j) The minimum irrigation service for each Irrigation Service Account shall be one miner’s inch, from the open ditch system, and one-half miner’s inch from the irrigation pipeline system. In the future, the District may consider reducing the minimum irrigation service to one-half miner’s inch from the open ditch system and one-quarter miner’s inch from the irrigation pipeline system.

Suggested Change: Allow one-half (1/2) miners inch service for ditch customers.

Challenges: Increased clogging and maintenance.

Solutions:

- Increase maintenance effort and resources.
- May require more staff.

(k) All pumped services shall utilize a sump provided by the customer and acceptable to the District.

(l) All Irrigation Service Accounts must have an appropriate measuring device which shall be installed by the District. The customer shall pay the cost thereof including costs of installation. The District shall approve the location of the measuring device.

Suggested Change: Require District to pay for any upgraded metering devices.

Challenges: Shifts costs from one customer to all customers.

Solutions: Revise Ordinance.

(m) Customers receiving irrigation service who request a change in flow rate during the season shall be charged a fee set by the Board of Directors for the adjustment.

(n) Replacement of measuring devices shall be at the expense of the customer if the replacement is necessary due to abnormal wear or abuse.

Suggested Change: Require District to pay for any upgraded metering devices.

Challenges: Shifts costs from one customer to all customers.

Solutions: Revise Ordinance.

(o) Alternate Boxes -The Board of Directors shall not approve any new applications for Alternate Boxes.

(p) Unusual costs incurred by the District to provide irrigation service shall be paid in full by the applicant or customer. An estimate of the expense shall be approved by the property owner prior to work commencing.

#### SECTION 4. Charges, Rates and Billings:

(a) The District will maintain a uniform rate schedule which may be changed from time to time upon action of the Board of Directors. The rate schedule, by reference, is attached hereto and made a part of these rules and regulations.

(b) Irrigation billings are made bi-monthly (every two months) in advance.

Suggested Change: Spread billing over twelve months.

Challenges:

- Cash flow - payment delayed for months.
- Timing of new applications (January 1 - March 1)

Solutions:

- Multi-year service agreement.
- Early invoice (May 1)
- Late invoice (October 31)

(c) All penalties shall be charged as outlined on the billings

(d) Disconnected irrigation service accounts shall pay a fee to re-establish service

(e) Irrigation service accounts requesting verification of flow will pay a fee if the delivered flow is within 10% of the contracted amount

SECTION 5. REPEAL

(a) Upon the effective date of this Ordinance 2005-\_\_ all previously adopted Ordinances pertinent to the Rules and Regulations for Irrigation Service will be superceded and repealed, including, but not limited to, Ordinance 79-2, 79-8, 87-1, and 04-01.

PASSED AND ADOPTED at a regularly held meeting of the Board of Directors of the GEORGETOWN DIVIDE PUBLIC UTILITY DISTRICT this tenth day of May, 2005.

AYES: Bob Diekon, Norman Krizl, Doug Pickell, JoAnn Shepherd and Hy Vitcov

NOES: None

ABSENT: None

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Bob Diekon, President  
Board of Directors  
GEORGETOWN DIVIDE PUBLIC UTILITY DISTRICT

ATTEST:

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Henry N. White, Clerk and ex officio  
Secretary, Board of Directors

GEORGETOWN DIVIDE PUBLIC UTILITY DISTRICT

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I hereby certify that the foregoing is a full, true, and correct copy of Ordinance 2005-01 duly and regularly adopted by the Board of Directors of the Georgetown Divide Public Utility District, El Dorado County, California, at a meeting duly held on the tenth day of May, 2005.

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Henry N. White, Clerk and ex officio Secretary of the  
Georgetown Divide Public Utility District