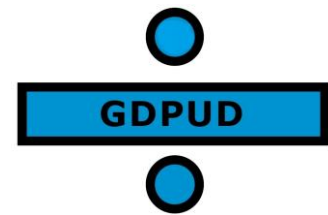


**REPORT TO THE BOARD OF DIRECTORS
BOARD MEETING OF SEPTEMBER 13, 2022
AGENDA ITEM NO. 8.A.**



AGENDA SECTION: OLD BUSINESS

SUBJECT: MONTHLY WATER DEMAND ASSESSMENT REPORT AND UPDATE ON PUBLIC OUTREACH

PREPARED BY: Adam Brown, Operations Manager
Gloria Omania, Retired Annuitant

APPROVED BY: Adam Coyan, General Manager

BACKGROUND

On June 14, 2022, the Board of Directors (Directors) adopted Resolution 2022-38 in compliance with State of California water conservation regulation that required urban water suppliers to implement Level 2 water restrictions outlined in the District’s Water Shortage Contingency Plan. Level 2 water restriction efforts detail on the District’s¹ website is designed to reduce treated and raw water demand by up to 20 percent.

DISCUSSION

1. Demand Assessment

In order to quantify treated water demand changes the gross and residential water use is compared between calendar year 2021 and 2022. The table below details the percent change in demand between 2021 and 2022. The comparison illustrates that District customers have reduced treated gross and residential demand by an average of 16 and 14 percent, respectively for the months of June, July and August. The percent demands reduction falls within the 10 to 20 percent Level 2 target.

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

¹ <https://www.gd-pud.org/2022-drought-information>

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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				
October	161	150				
November	126	83				
December	122	60				
Average Reduction June through August					-16	-14

The second part of Level 2 demand reduction is reducing irrigation or raw water service which this typically occurs by adjusting the end of irrigation season. Following a series of Board Meetings beginning with adoption of Level 2 drought restrictions on June 14, the Directors adopted Resolution 2022-55 defining the end of raw season on September 30, 2022, on September 6, 2022. A complete irrigation season is outside the 10-20 demand reduction target. However; it was adopted by the Directors, due in part to current reservoir storage and potential fire mitigation measures, that the raw water season would not be terminated early. Resolution 2022-XX is included in Attachment 1.

2. Public Outreach Update

On August 9, 2022, the Board approved a graphic design for the GDPUD water conservation logo, and approved (with minor changes) staff’s recommendation for a public outreach/information strategy with a budget of \$6,731.90. The following is a summary of activities to date:

Date	Activity	Cost
8/20/22	The tri-fold brochure was submitted for printing to mail to customers around Sept. 15. This expense is in lieu of bi-monthly newsletter.	3,562
8/30/22	The brochure was printed for Directors’ outreach tool kit.	230
9/1/22	A ½-page ad was placed in the Sept. issue of the <u>Town Crier</u> .	175
9/1/22	An insert was included in the Sept. billing.	800
9/1/22	Banners and tablecloth ordered for pick up around 9/15. (Note: The El Dorado County sign ordinance was reviewed and contact made with the county. The over-the-street banner has not been ordered pending review of the encroachment permit process with Caltrans.)	549
9/3/22	Initiated planning and coordination for the district’s participation in the Georgetown Founder’s Day event, Sept. 23.	TBD

The total expended to date is estimated to be \$5,316.

FISCAL IMPACT

For the period of May through August treated water volumetric revenue decreased 10 percent between 2021 and 2022. Water conservation efforts did not impact raw water revenue.

Costs associated with implementing additional activities in the Public Outreach and Information Strategy does not require a budget amendment. Additional costs may be identified associated with the direction the Board may give to Staff.

CEQA ASSESSMENT

This is not a CEQA project.

RECOMMENDED ACTION

Staff recommends that the Board of Directors receive this report and provide Staff direction if necessary.

ATTACHMENTS

1. Resolution 2022-55
2. Public Outreach/Information Material

RESOLUTION 2022-55

OF THE BOARD OF DIRECTORS OF THE GEORGETOWN DIVIDE PUBLIC UTILITY DISTRICT ACKNOWLEDGING RECEIPT OF WATER DEMAND ASSESSMENT, AND DETERMINING WATER SHORTAGE RESPONSE ACTIONS

WHEREAS, on June 14, 2022, the Georgetown Divide Public Utility District Board of Directors (Board) adopted Resolution 2022-38 in compliance with the State of California water conservation regulation requiring the District to implement Level 2 water restrictions outlined in the District's Water Shortage Contingency Plan (WSCP); and

WHEREAS, on July 12, 2022, Staff was directed to monitor water usage with a target of "up to 20%" with regular reporting to the Board to determine whether additional action necessary to achieve the reduction in water usage; and

WHEREAS, on August 9, 2022, the Board received a monthly Water Demand Assessment report that reflected a 15% reduction in usage for a July, with an average of 18% since May 2022, and declared that the irrigation season should end on September 7, 2022; and

WHEREAS, the Board held a special meeting on September 6, 2022, to discuss the need to maintain irrigation services for fire mitigation and considered the following during their deliberation:

- a. The current irrigation service fills ponds which are used by firefighting helicopters to take water from these ponds to fight fires within the District.
- b. The District has limited firefighting capacity using treated water and their current tanks, so fighting fires requires a combination of treated and raw water to be successful.
- c. In the past three years, the District has seen large fires at this time of the year, including:
 - September 3, 2019 – County fire in Cool (75 acres) during which buckets from ponds were used to help stop the fire.
 - August 14, 2022 – Caldor Fire (221,835 acres) affected nearby districts: the El Dorado Irrigation District (\$50 million in flume damage); and Grizzly Flats (two-thirds of the District burned down).
 - Currently, the Mountain Fire is burning in Siskiyou County.
- d. The District is currently meeting the State requirements for conservation on the potable side averaging 15%-18% conservation.
- e. Stumpy Meadows Reservoir is at a level currently above average for this year, in part due to all of the District's conservation measures. The reservoir is not spilling and no changes in our delivery will impact downstream water delivery or our year-plus-one dry projection.
- f. The capacity at the Stumpy Meadows Reservoir is currently over 4000 AF above where the District was last year.

WHEREAS, District staff provided projections for storage capacity at Stumpy Meadows Reservoir for September, and reported the average usage for irrigation services is 250 acre feet (AF) per week, or an additional 750 AF of usage if the irrigation season was allowed to continue until September 30, 2022 (an additional three weeks); and

NOW, THEREFORE, IT IS HEREBY RESOLVED BY THE BOARD OF DIRECTORS OF THE GEORGETOWN DIVIDE PUBLIC UTILITY DISTRICT THAT the Water Shortage Response Action is modified to allow the continuation of the irrigation season to September 30, 2022, as planned, with no reduction.

BE IT FURTHER RESOLVED that the Board directs Staff to conduct an inventory of ponds within the District and its acre-feet capacity for a metric for fire mitigation impact.

PASSED AND ADOPTED by the Board of Directors of the Georgetown Divide Public Utility District at a special meeting of said Board held on the 6th day of September 2022, by the following vote:

AYES:

NOES:

ABSENT/ABSTAIN:

Michael Saunders, President, Board of Directors
GEORGETOWN DIVIDE PUBLIC UTILITY DISTRICT

Attest:

Adam Coyan, Clerk and ex officio
Secretary, Board of Directors
GEORGETOWN DIVIDE PUBLIC UTILITY DISTRICT

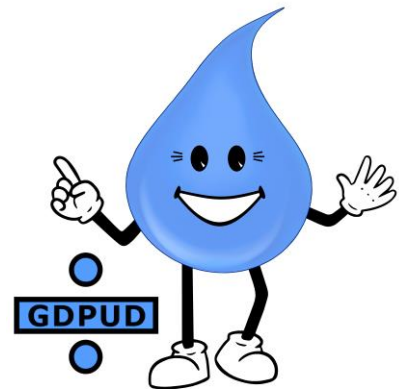
CERTIFICATION

I hereby certify that the foregoing is a full, true, and correct copy of Resolution 2022-XX duly and regularly adopted by the Board of Directors of the Georgetown Divide Public Utility District, County of El Dorado, State of California, on this 6th day of September 2022.

Adam Coyan, Clerk and ex officio
Secretary, Board of Directors
GEORGETOWN DIVIDE PUBLIC UTILITY DISTRICT

Bill Insert for September Billing
(Two-sided on bright green paper.)

Save Water...
Save Money...
**Ensure Water for the
Future!**



*Thank you for doing
your part to conserve.*

GEORGETOWN DIVIDE PUBLIC UTILITY DISTRICT ♦ 6425 Main Street, Georgetown, CA 95634 ♦ www.gd-pud.org ♦ (530) 333-4356

Dear GDPUD Customers:

Please follow the water conservation requirements below.

- Landscape watering limited to Tuesdays/Thursdays/Saturdays for **odd-numbered addresses**.
Wednesdays/Fridays/Sundays for **even-numbered addresses**. No landscape watering on Mondays.
- Avoid wasteful practices such as water running off properties onto sidewalks or gutters.
- Install required automatic hose shut offs.
- Cover swimming pools and spas.
- No decorative water features.
- Restaurants may only serve water upon request.
- Lodging establishments must offer opt-out of linen service.
- Customers must repair leaks, breaks, and malfunctions immediately.
- The irrigation season is adjusted in accord with water resources available (bills are adjusted accordingly).

The District must reduce usage by 20% or could face fines. Help us avoid customer enforcement methods, including warning letters, water audits, or personal fines.

For additional information, call the District Office at (530) 333-4356, or go to <http://www.gd-pud.org/>