

Water Supply Reliability Certification

Supporting Analysis and Calculations

Georgetown Divide Public Utility District

Background:

The primary source of water for the Georgetown Divide Public Utility District (“District”) is surface water, that is collected on an annual basis and stored in Stumpy Meadows Reservoir (“Stumpy”). The storage capacity of Stumpy is 20,000 Acre Feet. The District maintains other water rights to surface waters that are diverted downstream of Stumpy and intercepted along an existing canal system. A conservative approach was used in this analysis, as only those waters that are stored in Stumpy will be used as the supply. All water stored in Stumpy is of a quality that can be treated in the current District water treatment plants and can be used as potable water. The current treatment plants are capable of meeting the demands of the service area. The District does not wholesale water to other entities.

The District supplies both potable water and irrigation water. Potable water is supplied to customers on an annual basis and irrigation water is available for a period of 5 months out of the year. The District reserves the right to deliver potable water and curtail the delivery of irrigation water during drought conditions. These curtailments of irrigation water have occurred and are reflected in the sales records and data used in this analysis. Ref. Other Uses: WY 2014 – WY2018 and WY 2015 – WY 2019

This is with reference to Worksheet 1: Total available water supply for individual water supplier.

Data used to calculate the water available in WY 2017...WY 2018...WY 2019 was taken from records retained on file within the District. An example is as follows: for WY 2017 the data from WY 2013 was used for a value of 20,000 AF; for WY 2018 the data from WY 2014 was used for a rounded down value of 16,000 AF; for WY 2019 the data for WT 2015 was used for a rounded down value of 12,000 AF.

Data used under water supplies committed to other uses would be limited to irrigation water as identified in the text above. It is important to note that the District reserves the right to curtail the irrigation water should the demands on the potable water become challenged under a drought. The demands used in the estimation of Quantity in WY2017..WY2018 and WY 2019 are based on actual usage, or records on file, with the District for WY 2013, WY2014 and WY 2015.

The above described information (data) was then used to complete the information summary sheet on page 1 of the transmittal.

Any questions relating to the supporting analysis and calculations can be directed to either Darrel Creeks or George Sanders @ Phone (530) 333-4356.

This concludes information contained on the Supporting Analysis and Calculations

George Sanders

From: WB-DWP-Drinc <drinc@waterboards.ca.gov>
Sent: Thursday, June 16, 2016 4:05 PM
To: Wendell Wall; Darrell Creeks; Darrell Creeks; Frevert, Kathy@Waterboards
Subject: Water Supply Reliability Self-certification Acknowledgement -

Hello Wendell Wall:

This is an acknowledgement of your Water Supply Reliability Self-certification submission. Should any of this information be incorrect, please re-submit your application **in its entirety** including all worksheets, legal document, certification form, and supporting documents.

Urban Water Supplier	Georgetown Divide Public Utilities District (726)
Management Contact Name	Wendell Wall
Title	General Manager
Email	wwall@gd-pud.org
Telephone	(530) 333-4356
Technical Contact Name	Darrell Creeks
Title	Operations Manager
Email	dacreeks@gd-pud.org
Telephone	(530) 333-4356
2013 Production (in units selected)	2000
2014 Production (in units selected)	1600
Calculated Annual Potable Water Demand in Acre-feet (AF)	1800.000 AF
Demand Notes and Comments	
WY 2017 Total Available Water Supply	20000 AF
WY 2018 Total Available Water Supply	16000 AF
WY 2019 Total Available Water Supply	12000 AF
Supply Notes and Comments	we sell irrigation water also but can stop the season or cancel it all together if needed.
Individual or Aggregate	Individual
Conservation Standard *	-567 %
Higher Conservation Standard	Yes
Step 3.1 Notes and Comments	we still need to comply with 20% by 2020
Step 3.2 Entity submitting Aggregated Self-certification form, if applicable	
Contact	

Title	
Email	dacreeks@gd-pud.org
Telephone	
Aggregate Demand	
Aggregate Supply	
Aggregate Conservation Standard *	
Step 3.2 Notes and Comments	
Uploaded Worksheet #1	http://drinc.ca.gov/DNN/Portals/0/SelfCert/a2736bdc-1ebc-4207-923c-4b969194c6d7.xlsx
Uploaded Worksheet #2	
Uploaded Legal Document	
Uploaded Certification	http://drinc.ca.gov/DNN/Portals/0/SelfCert/64d1de1a-6875-48f6-be06-f49cea83b6d0.pdf
Uploaded Supporting Analysis & Calculations	

* A negative number indicates a surplus and the Conservation Standard is zero.

State Water Resources Control Board
Office of Research, Planning & Performance

