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AUG 24 2018

OFFICE OF  
ASSURED WATER SUPPLY

ARIZONA DEPARTMENT OF WATER RESOURCES

1110 W Washington St, Ste. 310  
PHOENIX, ARIZONA 85007  
(602) 771-8500

DESIGNATION OF ADEQUATE WATER SUPPLY  
DESIGNATED WATER PROVIDER 2017 ANNUAL REPORT

WATER PROVIDER:

40-700666.0000	Town of Clarkdale
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Address: 890 Main St , Clarkdale, AZ City, State, Zip code: 86324

Owner name: Town of Clarkdale Contact name: Ellen Yates

Title: Operations Administrator Phone: 928-639-2520 Email: ellen.yates@clarkdale.az.gov

PART I- TOTAL WATER WITHDRAWN, DIVERTED OR RECEIVED IN 2017, as reported by you on the Community Water System (CWS) report (if you file CWS): 479.28 acre-feet

PART II - COMMITTED WATER DEMAND

Committed demand is the estimated future water demand at build out of all recorded lots or parcels that are **not yet served** water within your service area. Estimate the future annual demand in acre-feet for undeveloped, recorded lots or parcels that were located in your service area as of December 31, 2017. Report demand for residential lots and non-residential parcels separately as indicated below:

		Annual demand per residential lot (acre-foot/year)	Total annual demand (acre-feet/year)
Number of recorded residential lots	Number: <u>3,794</u>	687 AF	732 AF
Number or acres of recorded non-residential parcels	Number: <u>88</u> or Acres: _____		45 AF
		Grand total (acre-feet)	

Explain how the non-residential demand was calculated. Use a separate sheet if necessary.

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Explanation of how the non-residential demand was calculated.

**2017**

Recorded non-residential parcels = 88

<b>TOTAL USAGE</b>	<b>RESIDENTIAL USAGE</b>	<b>NON-RESIDENTIAL USAGE</b>	<b>#NON-RESIDENTIAL</b>	<b>PER UNIT</b>
117,571,775	(106,218,583)	11,353,192	69	164,539

164,539 \* 88 (non-residential recorded parcels) = 14,479,432 / 325,851 = 45 AF

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**PART III - PROJECTED ANNUAL WATER DEMAND**

Project the annual water demand in acre-feet for each year indicated. Calculate the increase in demand for each year from the previous year. The projected demand in most cases will be greater than the total water use for the current year. Current year demand should equal the total water withdrawn, diverted and received for delivery in your service area for 2017 as reported in Part I. Include all water sources used. To calculate GPCD (gallons per capita per day) divide the total demand in gallons per day by the population in your service area.

Year	Projected population	GPCD	Total Demand (acre-feet/year)	Increase from previous year (acre-feet/year)
2017	4,125	104	479.28	(129)
2018	4,208		489	10
2019	4,293		499	10
2020	4,379		509	10
2021	4,467		519	10
2022	4,557		529	10
2023	4,649		539	10
2024	4,742		549	10
2025	4,837		559	10
2026	4,934		569	10
2027	5,033		579	10

Explain how the population projection was made. Use a separate sheet if necessary.

2% population increase annually. I increased the production by the same 2%. Realistically I believe o

GPCD will drop drastically. We have replaced 12 miles of water mains, the largest area was

Completed at the end of 2017.

**PART IV - WATER QUALITY**

- A. Is the water provider currently in compliance with the Arizona Department of Environmental Quality's state water quality standards and reporting requirements? yes no

If "no", please provide an explanation on a separate sheet.

- B. Have any new Superfund or WQARF sites been identified within the water provider's service area or have existing contaminant plumes migrated to be within one mile of any service area wells? yes no

If "yes", please provide an explanation on a separate sheet.

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**PART V - CERTIFICATION AND SIGNATURE**

I hereby certify, under penalty of perjury, that the information contained in this report is, to the best of my knowledge and belief, true, correct and complete.

*Ellen Yates*

*8/23/18*

\_\_\_\_\_  
Authorized Signature

\_\_\_\_\_  
Date

Ellen Yates  
Printed Name

Operations Administrator  
Title

Mail, email, or hand-deliver this report by June 1, 2018 to:

Arizona Department of Water Resources  
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