

**ARIZONA DEPARTMENT OF WATER RESOURCES  
DESIGNATION OF ADEQUATE WATER SUPPLY ANNUAL REPORT 2017**

DOUGLAS A. DUCEY  
Governor



THOMAS BUSCHATZKE  
Director

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**MAY 15 2018**

**OFFICE OF  
ASSURED WATER SUPPLY**

**DESIGNATION OF ADEQUATE WATER SUPPLY  
DESIGNATED WATER PROVIDER 2017 ANNUAL REPORT**

WATER PROVIDER:

40-700420.0000	Water provider name: <u>Harasu Heights DWID</u>
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Address: 7931 N Barker Dr City, State, Zip code: Lake Harasu City, AZ

Owner name: HHDWID Contact name: Ernie Wescott 86404

Title: Sys Oper Phone: 928-764-4545 Email address: hhwd@citlink.net

**PART I - TOTAL WATER WITHDRAWN, DIVERTED OR RECEIVED IN 2017, as reported by you on the Community Water System (CWS) report: 63.8 Acre-feet**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-feet/year)	Total annual demand (acre-feet/year)
Number of recorded residential lots	Number: <u>90</u>	<u>.37</u>	<u>.37</u>
Number or acres of recorded non-residential parcels	Number: _____ or Acres: _____		<u>0</u>

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

N/A

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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 Current year demand should equal the total water withdrawn, diverted and received for delivery in your service area for 2017 as reported in Part I. Include all water sources used.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) (should be same as Part I Total)	Increase from previous year (acre-feet/year)
2017	476 Actual	119	63.7	6.9
2018	490	119	65.3	1.6
2019	504	119	67.2	1.9
2020	520	119	69.3	2.1
2021	535	119	71.3	2.0
2022	551	119	73.4	2.1
2023	568	119	75.7	2.3
2024	585	119	77.9	2.3
2025	603	119	80.4	2.5
2026	621	119	82.7	2.3

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

Projections started w/ actual figures for year 2017  
Mohave Co average 2.8 persons per household /  
single family increase of population of 3% per year.

**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.

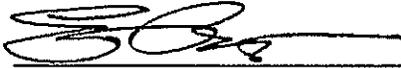
- B. Have any new Superfund or WQARF sites been identified within the water provider's service area or have existing contaminant plumes migrated to be within one mile of any service area wells?  
 yes  no

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, is true, correct and complete.



Authorized Signature

10MAY18

Date

Ernie Wescott

Printed Name

System Operator

Title

Mail, email, or hand-deliver this report to:

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Report is due on or before June 1, 2018