

Utah Public Water Supply Use Form
Data Year: 2021

System Name: Big Plains Water Special Service District - Apple Valley

(Water Rights ID: 10986)

(PWS ID: UTAH27069)

Supervisor: Jauna McGinnis

Address: 1777 North Meadowlark Drive
Apple Valley, UT, 84737

County: Washington

Operational Days: January 1 to December 31, (2021)

I. Summary Information

Contact Person: Jauna McGinnis

Email Address: jmac@applevalleyut.gov

Contact Number: (435) 877-1190

Retail Population: 460

To the best of my knowledge all information is accurate and complete:

Name: Dale E. Harris

Certified Professional: Dale E. Harris

Certification Type: Water Manager

License Number:

***Data must be completed and signed by a Drinking Water Certified Operator,
Professional Engineer, or Water Manager.***

II. Retail Culinary Water Use Breakdown

Units Of Measurement: **Gallons**
Method Of Measurement: **Meter**

Culinary Water Use Category	Retail Annual Quantity [Gallons]	Number of Active Connections
Residential Use:	25,658,340.00	218.00
Commercial Use:	3,241,700.00	1.00
Industrial Use:	0.00	0.00
Institutional Use:	1,851,320.00	2.00
Total Use:	30,751,360.00	221.00

Unmetered Culinary Institutional Water Use

1. Is there unmetered culinary water use for the irrigation purposes of churches, schools, parks, etc? **No**
2. If YES, please provide an estimate of the total unmetered institutional acreage that is irrigated: **0.00**

III. Equivalent Residential Connection Summary (ERC)

1. Estimated Equivalent Residential Connections: **261.00**
2. Do you accept the estimated ERC value: **Yes**

IV. AWWA Estimated Water Loss System Review

Have you completed a water audit of your system using the AWWA standard methodology? **No**

V. Political Boundaries

1. Do you supply water outside your political boundaries? **No**
2. If YES, are they included in the NUMBER OF ACTIVE CONNECTIONS above? **No**
3. If YES, what are the total connections outside your political boundaries? **0**
4. Does your Water Service Area Boundary need to be updated? **No**
5. If YES, please contact Brandon Mellor at (801) 927-7433 or bmellor@utah.gov.

VI. Peak Demand Summary (Water demand on the day of the highest water consumption in one year.)

1. Are you able to accurately measure Source Peak Day Demand? **No**

VII. Summary of Water Data

A. Total from all Sources of Water:		39,896,550.00
Water Total from all Diversions:	39,896,550.00	
Purchased Water:	0.00	
B. Sum of Retail Culinary Use:		30,751,360.00
C. Sum of ALL Wholesale Deliveries:		0.00
Estimated Water Loss (Loss, Unaccounted, or Unbilled) [A - (B + C)]:		9,145,190.00
Estimated Water Loss Percentage:		22.92 %

VIII. Source Inventory

Source Name: Apple Valley Well #2 (WS002)

USE TYPE: [Water Supplier]
LOCATION: [N 1969 ft E 7 ft from S4 cor Sec 30 T42S R11W SL]
WATER RIGHT(s): [81-3169, 81-4600]
UNITS OF MEASUREMENT: [Gallons]
METHOD OF MEASUREMENT: [Master Meter]
ANNUAL USE: [9,418,000.00]
ACTIVE SOURCE: [Yes]

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5,847,000.	1,863,000.	1,708,000.00

Source Name: Well #1 Replacement (WS003)

USE TYPE: [Water Supplier]
LOCATION: [N 1380 ft W 21 ft from S4 cor Sec 30 T42S R11W SL]
WATER RIGHT(s): [81-901, 81-1799, 81-2740, 81-3169, 81-3200, 81-4014,]
 [81-4599, 81-4600]
UNITS OF MEASUREMENT: [Gallons]
METHOD OF MEASUREMENT: [Master Meter]
ANNUAL USE: [30,478,550.00]
ACTIVE SOURCE: [Yes]

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1,404,200.	1,231,400.	1,947,700.	2,651,700.	3,970,900.	4,753,950.	4,522,700.	9,130,300.	0.00	865,700.0	0.00	0.00

IX. Wholesale Source Inventory
