

**Utah Public Water Supply Use Form**  
**Data Year: 2023**

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

**(Water Rights ID: 10986)**

(PWS ID: UTAH27069)

Supervisor: Mike Farrar

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

County: Washington

Operational Days: January 1 to December 31, (2023)

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**I. Summary Information**

Contact Person: Mike Farrar

Email Address: mkinney@applevalleyut.gov

Contact Number: (436) 877-1190

Retail Population: 497

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

Name: Mike Farrar

Certified: Mike Farrar

Certification Type: Water Manager

License Number:

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

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## II. Retail Culinary Water Use Breakdown

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

<b>Culinary Water Use Category</b>	<b>Retail Annual Quantity [Gallons]</b>	<b>Number of Active Connections</b>
Residential Use:	22,550,105.00	267.00
Commercial Use:	4,867,920.00	2.00
Industrial Use:	0.00	0.00
Institutional Use:	1,149,130.00	2.00
Total Use:	28,567,155.00	271.00

### 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: **338.00**  
2. Do you accept the estimated ERC value: **Yes**

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### IV. AWWA Estimated Water Loss System Review

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

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### 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.

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### 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**

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### VII. Summary of Water Data

A. Total from all Sources of Water:		<b>39,405,240.00</b>
Water Total from all Diversions:	<b>39,405,240.00</b>	
Purchased Water:	<b>0.00</b>	
B. Sum of Retail Culinary Use:		<b>28,567,155.00</b>
C. Sum of ALL Wholesale Deliveries:		<b>0.00</b>
D. Sum of ALL Returns:		<b>0.00</b>
Estimated Water Loss (Loss, Unaccounted, or Unbilled) [A - (B + C + D)]:		<b>10,838,085.00</b>
Estimated Water Loss Percentage:		<b>27.50 %</b>

## VIII. Source Inventory

### Source Name: Apple Valley Well #2 (WS002)

**USE TYPE:** [ Water Supplier ]  
**LOCATION:** [ N 2702 ft W 3466 ft from SE cor Sec 30 T42S R11W SL ]  
**WATER RIGHT(s):** [ 81-901, 81-1799, 81-3169, 81-5590, 81-5600 ]  
**UNITS OF MEASUREMENT:** [ Gallons ]  
**METHOD OF MEASUREMENT:** [ Master Meter ]  
**ANNUAL USE:** [ 9,113,400.00 ]  
**ACTIVE SOURCE:** [ Yes ]

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
460,200.0	490,900.0	510,230.0	630,520.0	720,620.0	992,100.0	1,036,500.	1,156,200.	1,002,820.	882,000.0	662,010.0	569,300.00

### Source Name: Well #1 Replacement (WS003)

**USE TYPE:** [ Water Supplier ]  
**LOCATION:** [ N 1370 ft W 3090 ft from SE cor Sec 30 T42S R11W SL ]  
**WATER RIGHT(s):** [ 81-901, 81-1799, 81-3169, 81-5590, 81-5600 ]  
**UNITS OF MEASUREMENT:** [ Gallons ]  
**METHOD OF MEASUREMENT:** [ Master Meter ]  
**ANNUAL USE:** [ 30,291,840.00 ]  
**ACTIVE SOURCE:** [ Yes ]

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
821,000.0	910,230.0	1,056,000.	1,812,000.	2,862,300.	3,799,520.	3,869,820.	3,987,510.	3,785,640.	3,549,870.	2,512,490.	1,325,460.00

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## IX. Wholesale Source Inventory

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## X. Return Location Inventory

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## **XI. Secondary or Untreated Water Use Breakdown**

1. Do you provide separate secondary untreated water to your culinary customers? **No**
2. Do other secondary districts and/or irrigation companies provide secondary water within the boundaries of your culinary water service area? **No**
3. What is the percentage of culinary customers using a separate PRESSURIZED irrigation system for landscaping: **0 %**
4. Pressurized Irrigation System Company Data:  
**0**
  
  
5. What percentage (%) of your culinary customers use a separate DITCH irrigation system for their landscapes? **0 %**