

Utah Public Water Supply Use Form
Data Year: 2023

System Name: Big Plains Water Special Service District - Canaan Springs

(Water Rights ID: 11597)

(PWS ID: UTAH27093)

Supervisor: Mike Farrar

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

County: Washington

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

I. Summary Information

Contact Person: Mike Farrar

Email Address: mkinney@applevalleyut.gov

Contact Number: (435) 877-1190

Retail Population: 55

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.***

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:	3,748,221.00	15.00
Commercial Use:	0.00	0.00
Industrial Use:	0.00	0.00
Institutional Use:	0.00	0.00
Total Use:	3,748,221.00	15.00

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: **15.00**
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:		5,062,000.00
Water Total from all Diversions:	5,062,000.00	
Purchased Water:	0.00	
B. Sum of Retail Culinary Use:		3,748,221.00
C. Sum of ALL Wholesale Deliveries:		0.00
D. Sum of ALL Returns:		0.00
Estimated Water Loss (Loss, Unaccounted, or Unbilled) [A - (B + C + D)]:		1,313,779.00
Estimated Water Loss Percentage:		25.95 %

VIII. Source Inventory

Source Name: Canaan Springs (WS001)

USE TYPE: [Water Supplier]
LOCATION: [N 921 ft E 2091 ft from SW cor Sec 08 T43S R10W SL]
WATER RIGHT(s): [81-3641, 81-4619]
UNITS OF MEASUREMENT: [Thousands of Gallons]
METHOD OF MEASUREMENT: [Calculated]
ANNUAL USE: [5,062.00]
ACTIVE SOURCE: [Yes]

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
209.00	240.00	289.00	309.00	456.00	580.00	599.00	601.00	580.00	530.00	430.00	239.00

IX. Wholesale Source Inventory

X. Return Location Inventory

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 %**