Utah Public Water Supply Use Form
Data Year: 2020

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, (2020)

I. Summary Information

Contact Person:	Jauna McGinnis
Email Address:	jmac@applevalleyut.gov
Contact Number:	(435) 877-1190
Retail Population:	459

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:	27,510,890.00	218.00
Commercial Use:	4,005,000.00	1.00
Industrial Use:	0.00	0.00
Institutional Use:	1,725,020.00	2.00
Total Use:	33,240,910.00	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: **263.00**
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?
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:		**38,277,900.00**
Water Total from all Diversions:	**38,277,900.00**	
Purchased Water:	**0.00**	
B. Sum of Retail Culinary Use:		**33,240,910.00**
C. Sum of ALL Wholesale Deliveries:		**0.00**
Estimated Water Loss (Loss, Unaccounted, or Unbilled) [A - (B + C)]:		**5,036,990.00**
Estimated Water Loss Percentage:		**13.16 %**

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:	[ ]
METHOD OF MEASUREMENT:	[ ]
ANNUAL USE:	[0.00]
ACTIVE SOURCE:	[No]

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	0.00	0.00	0.00

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:	[38,277,900.00]
ACTIVE SOURCE:	[Yes]

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1,236,100.	1,951,500.	1,541,800.	2,218,900.	3,645,100.	4,451,700.	5,771,800.	5,575,300.	4,649,900.	3,714,100.	1,651,600.	1,870,100.00

IX. Wholesale Source Inventory

X. 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 seperate
   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 %**