

California State Water Resources Control Board

DROUGHT REPORT

PWSID: CA3600009

Water System Name: APPLE VALLEY HEIGHTS CWD

Reporting Period: 01/01/2023 - 12/31/2023

Reporting Due Date: 03/31/2024

Report Created Date: 01/08/2024

ANNUAL SUPPLY & DEMAND

ANNUAL SUPPLY & DEMAND

ANNUAL SUPPLY (IN GALLONS)

Month	Groundwater Production	TOTAL Potable Supply
January	2,075,671	2,075,671
February	1,847,575	1,847,575
March	2,212,374	2,212,374
April	2,606,808	2,606,808
May	2,874,006	2,874,006
June	3,229,183	3,229,183
July	4,203,478	4,203,478
August	3,747,287	3,747,287
September	3,017,380	3,017,380
October	2,694,788	2,694,788
November	2,153,875	2,153,875
December	2,000,725	2,000,725
TOTAL	32,663,150	32,663,150

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January	2,075,671
February	1,847,575
March	2,212,374
April	2,606,808
May	2,874,006
June	3,229,183
July	4,203,478
August	3,747,287
September	3,017,380
October	2,694,788
November	2,153,875
December	2,000,725
TOTAL	32,663,150

ANNUAL SUPPLY COMMENTS:

ANNUAL DEMAND (IN GALLONS)

Month	Potable Metered?	Residential Single-Family	Residential Multi-Family	Commercial & Institutional	Metered Irrigation of Commercial, Industrial, or Institutional Landscapes	Industrial	Agriculture	Other Non-Residential Demand	Volume Sold or Delivered to Other Water System(s)	TOTAL Potable Demand
January	Metered	1,857,351	0	0	0	0	0	0	0	1,857,351
February	Metered	1,521,724	0	0	0	0	0	0	0	1,521,724
March	Metered	1,895,432	0	0	0	0	0	0	0	1,895,432
April	Metered	2,186,460	0	0	0	0	0	0	0	2,186,460
May	Metered	2,668,720	0	0	0	0	0	0	0	2,668,720
June	Metered	3,040,190	0	0	0	0	0	0	0	3,040,190
July	Metered	3,985,158	0	0	0	0	0	0	0	3,985,158
August	Metered	3,254,548	0	0	0	0	0	0	0	3,254,548
September	Metered	2,603,549	0	0	0	0	0	0	0	2,603,549
October	Metered	2,248,372	0	0	0	0	0	0	0	2,248,372
November	Metered	2,417,814	0	0	0	0	0	0	0	2,417,814
December	Metered	1,977,916	0	0	0	0	0	0	0	1,977,916
TOTAL		29,657,234	0	0	0	0	0	0	0	29,657,234

Month	TOTAL Demand
January	1,857,351
February	1,521,724
March	1,895,432
April	2,186,460
May	2,668,720
June	3,040,190
July	3,985,158
August	3,254,548
September	2,603,549
October	2,248,372
November	2,417,814
December	1,977,916
TOTAL	29,657,234

ANNUAL DEMAND COMMENTS:

DEMAND METRICS

MAXIMUM & AVERAGE POTABLE DAY DEMAND

Month	Maximum Day Demand (in gallons)	Maximum Day Demand Date	Average Daily Demand (in gallons)
January	111,953	01/11/2023	59,915
February	99,327	02/20/2023	54,347
March	120,862	03/02/2023	61,143
April	136,857	04/29/2023	72,882
May	98,788	05/27/2023	86,088
June	195,579	06/20/2023	101,340
July	226,225	07/28/2023	128,553
August	197,435	08/12/2023	104,985
September	178,443	09/05/2023	86,785
October	138,996	10/21/2023	72,528
November	102,932	11/05/2023	80,594
December	147,595	12/26/2023	63,804
	Annual Maximum Day Demand 226,225	Annual Maximum Day Demand Date 07/28/2023	Annual Average Day Demand 128,553

MAXIMUM & AVERAGE DAY DEMAND COMMENTS: With our small system, the time the water well flow meters are read is not always precisely 24 hours apart. This causes the figures reported to appear higher than the system's actual MDD, with the potential of adding tens of thousands of gallons higher for that particular day.

ESTIMATED WATER LOSS

Month	Estimated Potable Water Loss (in gallons)
January	347,005
February	326,218
March	316,943
April	421,386
May	256,422
June	190,000
July	397,151
August	454,260
September	290,336
October	445,337
November	1,097,102
December	169,765
Total	4,711,925

ESTIMATED WATER LOSS COMMENTS: The November 2023 Estimated Potable Water Loss (in gallons) appears to be over one million gallons due to the district's actual water meter reading dates compared to the calendar dates of water production. The Estimated Potable Water Loss (in gallons) is not 100% accurate due to the date of water meter readings (used to produce invoices) and the figures used for this

Drought Reporting (Calendar Dates).

