

DROUGHT REPORT

PWSID: CA4910019

Water System Name: FORESTVILLE WATER DISTRICT

Reporting Period: 05/01/2024 - 05/31/2024

Reporting Due Date: 07/31/2024

Report Created Date: 07/02/2024

WATER SHORTAGE

Experiencing a severe water shortage: No

Estimated date of when a severe water shortage may begin: Severe water shortage not expected

Do you have a Water Shortage Contingency Plan (or Drought Planning Elements)?: No

Comments:

SOURCE REPORTING

PURCHASED WATER - TREATED

Source Information:

- **Facility ID:** 001
- **Facility Type:** Consecutive Connection
- **Water Type:** Groundwater
- **Facility Availability:** Permanent
- **Activity Status:** Active
- **Maximum Capacity:** 1,200,000.00000000
- **Maximum Capacity Unit of Measure:** Gallons per Day (GPD)
- **Maximum Contractual Daily Rate:** 500,000.00000000
- **Maximum Contractual Daily Rate Unit of Measure:** Gallons per Day (GPD)
- **Maximum Contractual Monthly Volume:** 15,000,000.00000000
- **Maximum Contractual Monthly Volume Unit of Measure:** Million Gallons (MG)
- **Maximum Contractual Annual Volume:** 140,000,000.00000000
- **Maximum Contractual Annual Volume Unit of Measure:** Million Gallons (MG)

- **Ability to utilize the intertie:** Available As Needed
- **Seller Treatment:** Partially Treated by Seller
- **Seasonal Availability Start Date:** Missing Information
- **Seasonal Availability End Date:** Missing Information

Did you utilize this source during the reporting period?: Yes

Potable Amount Received During Reporting Period: 9,310,443.00000000

Potable Amount Received During Reporting Period Date Measured: 05/31/2024

Potable Amount Received During Reporting Period Unit of Measure: Gallons (G)

Comments:

TOTAL PRODUCTION DURING REPORTING PERIOD (gallons): 9,310,443.00

SUPPLY & DEMAND

ABOUT

Does your system supply or deliver non-potable water to customers or other water systems?: No

Does your system supply or deliver recycled water to customers or other water systems?: Yes

POTABLE SUPPLY

Unit of Measure: Gallons (G)

POTABLE SELF-PRODUCED

TOTAL Potable Self-Produced	Preliminary Estimate?
0	No

POTABLE EXTERNALLY-SOURCED

Consecutive Connection	Consecutive Connection Obtained From (Water Systems Only)	Bottled Water Reliance	TOTAL Potable Externally-Sourced	Preliminary Estimate?
9,310,443	CA4910020 - SONOMA COUNTY WATER AGENCY	No	9,310,443	No

TOTAL POTABLE SUPPLY

TOTAL Potable Supply	Preliminary Estimate?
9,310,443	No

POTABLE SUPPLY COMMENTS:

POTABLE DEMAND

Do you meter the volume of potable water delivered to your individual customers?: Yes

Unit of Measure: Gallons (G)

POTABLE RESIDENTIAL DEMAND

Residential Single-Family	Residential Multi-Family	TOTAL Residential Demand	Population Served	Residential Gallons per Capita per Day (GPCD)	Preliminary Estimate?
5,799,476	812,483	6,611,959	3,291	66.97	No

POTABLE NON-RESIDENTIAL DEMAND

Commercial & Institutional	Metered Irrigation of Commercial, Industrial, or Institutional Landscapes	Industrial	Agriculture	Other Non-Residential Demand	Total Non-Residential Demand	Preliminary Estimate?
859,915	0	792,710	0	351,100	2,003,725	No

POTABLE WATER DELIVERED TO OTHER WATER SYSTEM (S)

Volume Sold or Delivered to Other Water System(s)	Sold or Delivered To (Water Systems Only)	Preliminary Estimate?
0		No

TOTAL POTABLE DEMAND

TOTAL Potable Demand	Preliminary Estimate?
8,615,684	No

POTABLE DEMAND COMMENTS:

NON-POTABLE SUPPLY

Unit of Measure: Gallons (G)

NON-POTABLE SELF-PRODUCED SUPPLY

Recycled Water Self-Produced	Non-Potable Water Produced (not recycled; i.e., agriculture well)	TOTAL Non-Potable Water Self-Produced	Preliminary Estimate?
2,127,000	0	2,127,000	No

NON-POTABLE SUPPLY EXTERNALLY-SOURCED

Recycled Water Obtained From (Water Systems Only)	Obtained Non-Potable Hauled Water	Other Non-Potable Water Obtained From Another Water System	Non-Potable Obtained Water Sources (Water Systems Only)	TOTAL Non-Potable Water Externally Sourced	Preliminary Estimate?
0		0		0	No

TOTAL NON-POTABLE SUPPLY

TOTAL Non-Potable Supply	Preliminary Estimate?
2,127,000	No

NON-POTABLE SUPPLY COMMENTS:

NON-POTABLE DEMAND

Do you meter the volume of potable water delivered to your individual customers?: Yes

Unit of Measure: Gallons (G)

RESIDENTIAL NON-POTABLE DEMAND

Residential Recycled Water Demand	Residential Non-Potable Demand (non-recycled)	TOTAL Residential Potable Demand	Metered Non-Potable Residential Irrigation Demand	Preliminary Estimate?
117,160	0	117,160		No

NON-RESIDENTIAL NON-POTABLE DEMAND

Non-Residential Recycled Water Demand	Non-Residential Non-Potable Demand (non-recycled)	TOTAL Non-Residential Non-Potable Demand	Metered Non-Potable, Non-Residential Irrigation Demand for Commercial, Industrial, or Institutional Landscapes	Preliminary Estimate?
1,568,772	0	1,568,772		No

NON-POTABLE WATER DELIVERED TO OTHER WATER SYSTEM(S)

Volume Non-Potable Sold or Delivered to Other Water System(s)	Non-Potable Sold or Delivered To (Water Systems Only)	Preliminary Estimate?
0		No

TOTAL NON-POTABLE DEMAND

TOTAL Non-Potable Demand	Preliminary Estimate?
1,685,932	No

NON-POTABLE DEMAND COMMENTS:

TOTAL REPORT SUMMARY

POTABLE SUPPLY & DEMAND (IN GALLONS)

TOTAL Potable Supply	9,310,443	TOTAL Potable Demand	8,615,684	Preliminary Supply Estimate?	No	Preliminary Demand Estimate?	No	Potable Supply and Demand Difference	694,759
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POTABLE SUPPLY & DEMAND COMMENTS:

NON-POTABLE SUPPLY & DEMAND (IN GALLONS)

TOTAL Non-Potable Supply	2,127,000	TOTAL Non Potable Demand	1,685,932	Preliminary Non-Potable Supply Estimate?	No	Preliminary Non-Potable Demand Estimate?	No	Non-Potable Supply and Demand Difference	441,068
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NON-POTABLE SUPPLY & DEMAND COMMENTS:

ESTIMATED POTABLE WATER LOSS

Estimated Potable Water Loss (in gallons)	694,759
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ESTIMATED POTABLE WATER LOSS COMMENTS:

ESTIMATED NON-POTABLE WATER LOSS

Estimated Non-Potable Water Loss (in gallons)	441,068
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ESTIMATED NON-POTABLE WATER LOSS COMMENTS: Recycled water loss includes water used at facilities and would not account for evaporation.

MAXIMUM DAY DEMAND (MDD)

Maximum Day Demand in Gallons (within period)	287,189	Maximum Day Demand Date	05/31/2024
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MAXIMUM DAY DEMAND (MDD) COMMENTS: Daily usage is not calculated in our district, we used an average and will look into how to get the requested information for future reporting.

ANNUAL SUPPLY (IN GALLONS)

Month	Consecutive Connection	TOTAL Potable Supply
January	7,347,940	7,347,940
February	6,168,359	6,168,359
March	5,696,169	5,696,169
April	7,854,378	7,854,378
May	9,310,443	9,310,443
June		0
July		0
August		0
September		0
October		0
November		0
December		0
TOTAL	36,377,289	36,377,289

Month	Recycled Water Self-Produced	Non-Potable Water Produced (not recycled; i.e., AGRICULTURE well)	Recycled Water Obtained	Other Non-Potable Water Obtained From Another Water System	TOTAL Non-Potable Supply	TOTAL Supply
January	5,190,806	0	0	0	5,190,806	12,538,746
February	1,932,296	0	0	0	1,932,296	8,100,656
March	4,480,451	0	0	0	4,480,451	10,176,620
April	3,826,000	0	0	0	3,826,000	11,680,378
May	2,127,000	0	0	0	2,127,000	11,437,443
June						0
July						0
August						0
September						0
October						0
November						0
December						0
TOTAL	17,556,554	0	0	0	17,556,554	53,933,843

ANNUAL DEMAND (IN GALLONS)

Month	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	3,968,865	733,165	1,544,534	0	954,743	0	146,633	0	7,347,940
February	3,330,197	615,858	1,296,887	0	801,593	0	123,823	0	6,168,359
March	2,642,652	492,035	560,464	0	202,028	0	547,430	0	4,444,608
April	3,909,904	728,965	861,504	0	331,348	0	795,235	0	6,626,956
May	5,799,476	812,483	859,915	0	792,710	0	351,100	0	8,615,684
June									
July									
August									
September									
October									
November									
December									
TOTAL	19,651,094	3,382,506	5,123,303	0	3,082,423	0	1,964,221	0	33,203,547

Month	Residential Recycled Water Demand	Residential Non-Potable Demand (non-recycled)	Non-Residential Recycled Water Demand	Non-Residential Non-Potable Demand (non-recycled)	Volume Non-Potable Sold or Delivered to Other Water System(s)	Metered Potable Residential Landscape Irrigation Demand	Metered Non-Potable, Non-Residential Irrigation Demand for Commercial, Industrial, or Institutional Landscapes	TOTAL Non-Potable Demand	TOTAL Demand
January	0	0	0	0	0	0	0	0	7,347,940
February	0	0	107,531	0	0	0	0	107,531	6,275,890
March	652	0	1,065,533	0	0	0	0	1,066,184	5,510,792
April	21,740	0	1,079,074	0	0	0	0	1,100,814	7,727,770
May	117,160	0	1,568,772	0	0	0	0	1,685,932	10,301,616
June									0
July									0
August									0
September									0
October									0
November									0
December									0
TOTAL	139,552	0	3,820,910	0	0	0	0	3,960,461	37,164,008

ATTEST

I certify that the information provided is true and accurate under penalty of perjury.

Cory Ipsen

06/28/2024
