

VPID 2023 ANNUAL WATER REPORT

A. Usage of Treated Water:

1.	Input to treatment Plant	= 6,154,462 gallons	
2.	Water to/from storage tanks	= 78,340	
3.	Trucked in water	= <u>34,000</u> "	
4.	Total Treated Water	= 6,266,802 gallons	
5.	Usages for water		
	Backwashes	= 54,341 "	
	Leaks	= 328,200 "	
	Fill chlorine tanks at Plant	= 960 "	
	Septic field flushing	= 0 "	
	Fire Fighting	= 0	
	Hydrant flushing	= <u>3,040</u> "	
	Total deductions	= <u>(386,541)</u> "	
6.	Net household water usage	= 5,880,261 gallons	
	Water usage based on 240 connections	= 67.1 gallons per connection per day	

B. Well production information:

	<u>Water Pumped</u>	<u>Static Water Level</u>	<u>GPM</u>
Well 6	= 1,002,250 gallons	75.34 Feet	4.5
Well 7	= 1,349,380 "	24.25 "	8.8
Well 9	= 925,056 "	43.82 "	5.43
Well 14	= 0 "	50.37 "	
Well 15	= 2,649,504 "	42.49 "	6.86
Well 19	= <u>1,180,080</u> "	75.29 "	5.75
Total	= 7,106,270 gallons		

C. Plant Outflow Meters:

1.	Water storage outflow meter - January 1, 2024	= 44,465,662 gallons	
	- January 1, 2023	= <u>38,270,085</u> "	
	Gross water flow	=	6,195,577 gallons
2.	Meter to 291 EW Rd - January 1, 2022	= 135,082	
	- January 1, 2021	= <u>107,731</u>	
	Gross water flow	=	<u>27,351</u> "
3.	Total from outflow meters	=	6,222,928 gallons

D. Comparison of meters:

1.	Treatment Plant meter	= 6,154,462 gallons	
2.	Well production meters	= 7,106,270 "	variance is 951,808 gallons or 15.5%
3.	Plant outflow meters	= 6,222,928 "	variance is 342,667 gallons or 5.8%

E. Leaks:

	<u>VPID Property</u>	<u>Homeowner</u>	
1.	38,000 gallons	1,800 gallons	
2.	33,000 "	15,000 "	
3.	86,400 "	20,000 "	
4.		24,000 "	

5.	-	"	20,000	"
6.	-	"	20,000	"
7.	-	"	21,000	"
8.	-	"	25,000	"
9.	-	"	5,000	"
10.	-	"	5,000	"
11.	-	"	6,000	"
12.	-	"	<u>8,000</u>	"
Total	157,400 gallons		170,800	gallons
Total loss to leakage: 328,200 gallons				