

756-6644-Bob Foster.

ARROW Head Meter.

4-15-07	Beginning Meter Read -	48743200
10-15-07	Ending Meter Read -	<u>55853700</u>
		7,110,500

gals used - 7,110,500 in 187 days

$$187 \overline{) 7,110,500} \quad \begin{array}{l} 38,024 \text{ gal/day} \end{array}$$

$$1440 \text{ min/day} \overline{) 38,024} \quad \begin{array}{l} 26 \text{ gpm} \end{array}$$

$$1 \text{ gal} = 0.00223 \text{ CFS}$$

$$26 \text{ gpm} \times 0.00223 = 0.058 \text{ CFS}$$

$$0.058 \times 187 = 10.846 \xrightarrow{24 \text{ HR}} \text{sec. ft.} \quad 21.5 \text{ AF.}$$

ARROWHEAD DOMESTIC WATER USAGE

0.1cfs=44.8gpm

	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July
g/m 21	44.8	0	0	20	15	15	15	15	30	40	44.8	44.8
g/m 19D	10	50	20	0	0	0	0	0	0	0	0	10
tot gpm	54.8	50	20	20	15	15	15	15	30	40	44.8	54.8
g/h 21	2688	0	0	1200	900	900	900	900	1800	2400	2688	2688
g/d 21	64512	0	0	28800	21600	21600	21600	21600	43200	57600	64512	64512
g/mo 21	1935360	0	0	864000	648000	648000	648000	648000	1296000	1728000	1935360	1935360
cum gal 21	1935360	1935360	1935360	2799360	3447360	4095360	4743360	5391360	6687360	8415360	10350720	12286080
AF 21	6	6	6	9	11	13	15	17	21	26	32	38
% 42.17 af	14.1%	14.1%	14.1%	20.4%	25.1%	29.8%	34.5%	39.2%	48.7%	61.2%	75.3%	89.4%

g/h 19D	600	3000	1200	0	0	0	0	0	0	0	0	600
g/d 19D	14400	72000	28800	0	0	0	0	0	0	0	0	14400
g/mo 19D	432000	2160000	864000	0	0	0	0	0	0	0	0	432000
cum gal 19D	432000	2592000	3456000	3456000	3456000	3456000	3456000	3456000	3456000	3456000	3456000	3888000
AF 19D	1.33	7.95	10.61	10.61	10.61	10.61	10.61	10.61	10.61	10.61	10.61	11.93
%12 af	11.05%	66.29%	88.38%	88.38%	88.38%	88.38%	88.38%	88.38%	88.38%	88.38%	88.38%	99.43%

Assumptions

1. 75-00021 is usable in all months in a normal water year except September and October

Notes

1. 75-00021 should always be used when available before using 75-00019D
2. 75-00021 water not programmed above would be used in September and October if possible
3. The above tot gpm is a "planned maximum Arrowhead use" and is the volume at which the Water Resource valve below the Arrowhead meter should be set.
Any changes to these settings by would be made only if water is not available under the water right (arrowhead would be notified) or by Arrowhead at their valve if water is not being used for a period of time
4. Use of any unused water above the maximums above would be negotiated with the Water Resources Water Master and would be provided only if available.