

Boot Ranch Water Assessment

BR is outside city limit - does not pay city tax, does not vote on city elections,
But enjoys city utilities at twice the rate - What The Data Show?

FY	Total Water sold (A)	BR water sold (B)	City Water Sold (C) = A-B	%BR/Total Usage (D) = B/A	BR Usage Gal/mo/meter (119 meters) (E) = B/12/119	City Usage gal/mo/meter (6000-119) (F) = C/12/5881	BR/City Usage Factor (G) = E/F
2017	735,273,300	89,559,730	645,713,570	12.18%	62,717	9,150	6.9
2018	810,870,932	129,039,700	681,831,232	15.91%	90,364	9,661	9.4
2019	731,345,072	75,259,995	656,085,077	10.29%	52,703	9,297	5.7
Total	2,277,489,304	293,859,425	1,983,629,879	12.90%	205,784	28,108	7.3
Average	759,163,101	97,953,142	661,209,960	12.90%	68,595	9,369	7.3

FY	Water Income/Yr (H)	Sewer Income/Yr (I)	Reclaimed Income/yr (J)	Total Income Per Yr (K) = H+I+J	Total Expense Per Yr (L)	Net Income (No CIP) (M) = K-L	Total Income Per Mo per Meter \$/mo/meter N = k/(12*119)
2017	\$247,836	\$68,208	\$48,394	\$364,438	\$197,892	\$166,546	255.21
2018	\$269,494	\$68,208	\$48,394	\$386,096	\$230,830	\$155,266	270.38
2019	\$365,370	\$68,208	\$48,394	\$481,972	\$238,269	\$243,703	337.52
Total	\$882,700	\$204,624	\$145,182	\$1,232,506	\$666,991	\$565,515	863.10
Average	\$294,233	\$68,208	\$48,394	\$410,835	\$222,330	\$188,505	287.70

1. **Current Consumption.** Water consumption is proportionately higher (**by a factor of >7**) than an average city user

- Avg. City meter use = 9369 gal/mo. 2 persons/home
- Avg. BR meter use = 68,595 gal/mo. 15 persons/home
- **Annual water use = 12.9% = 98 mg Avg. 3 years**
- **Eq. City home support > 870 homes**

2. **Completion Consumption.** Water demand at completion (600 EDU) expected to increase **3-folds** if kept at current rate of consumption

- Current EDU used = 192 EDU = 119 meters
- Remaining EDU = 408 EDU = 253 meters
- **Est. Water use @current rate = 306 mg = 372 meters (600/192*119)**
- **Eq. city home Support > 2700 homes**

3. **Cost - Income.** Cost of water appears significantly lower than expected twice the rate

- Avg. Total All Income = \$411K = \$288/month
- **Avg. Income/gallon = 0.42 cents @ 68,595 gal/month**
- **My home in October (Example) = 0.62 cents @ 13,845 gal/month**

4. **What Does The Data Really Say?**

- BR water consumption is "**excessively wasteful demonstrated over several years**", "**not fair to the city taxpayers**", "**not economical to city**", and if continued it would place "**unsustainable demand on city**"
- **Defer** BR utility expansion request, until a **comprehensive "cost of service"** evaluation is completed and the impact of this arrangement/agreement is fully understood