

Water Rights or Water Wrongs in Wyoming: A View from the Outside

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Wyoming Has It Right!

- **The Severance Tax on Coal providing funds to the Wyoming Water Development Commission is the envy of the Western US**
- **The WWDC emphasis on increased storage is on target (but increase diversity to expand use of underground storage)**

Wyoming Has It Wrong!

- **Why does the Wyoming Association of Rural Water Systems need Federal Funding when the State of Wyoming is running a multi-billion dollar surplus?**
- **Why does the University of Wyoming receive only a few hundred thousand in water research dollars during times of large surpluses?**

Wyoming Has It Wrong!

- **Why the disconnect between Land Use / Water Use Planning? (Disclosure: All Western States Suffer from this)**
- **Why is there not a better use of the billions of gallons of Produced Waters?**

Reuse Produced Waters?



**Five Billion Barrels
produced CBM water to
date from 27,000 wells in
Powder River Basin
alone.**



**That is over 200 Billion
gallons!**

Why Not Bottle Produced Waters?

Bottled Water is Big Business

U.S. BOTTLED WATER MARKET Volume and Producer Revenues 2000 - 2008(P)

Year	Millions of Gallons	Annual % Change	Millions of Dollars	Annual % Change
2000	4,725.1	--	\$6,113.0	--
2001	5,185.3	9.7%	\$6,880.6	12.6%
2002	5,795.7	11.8%	\$7,901.4	14.8%
2003	6,269.8	8.2%	\$8,526.4	7.9%
2004	6,806.7	8.6%	\$9,169.5	7.5%
2005	7,538.9	10.8%	\$10,007.4	9.1%
2006	8,253.5	9.5%	\$10,857.8	8.5%
2007	8,823.0	6.9%	\$11,705.9	7.8%
2008(P)	9,418.0	6.7%	\$12,573.5	7.4%

(P) Preliminary

Source: Beverage Marketing Corporation

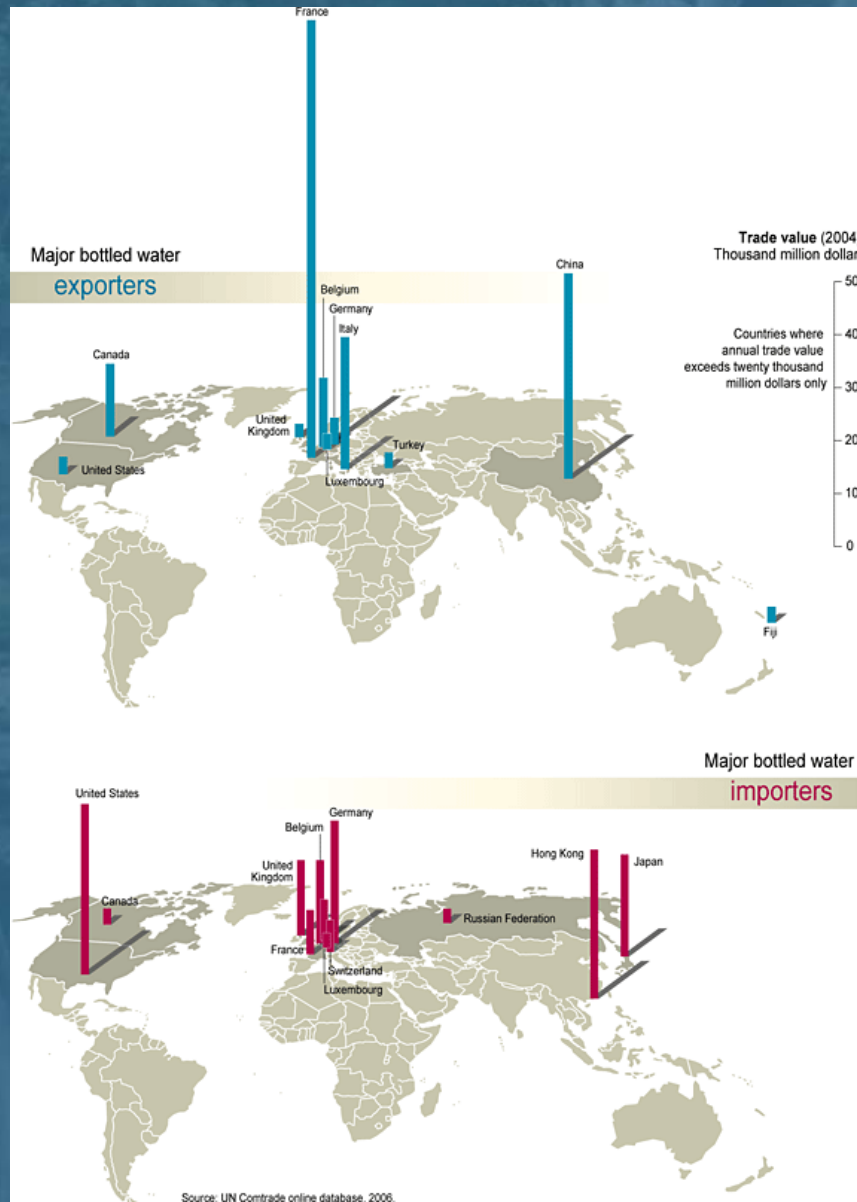
REVENUES (2007)

\$10 to \$15 Billion in US

**\$47.5 to \$100 Billion
Worldwide**

**(Beverage Marketing Corp.
World Water Forum 2006; 2007)**

International geography of the bottled water industry



Reuse of “wasted” water?

NEWater looks like any other glacier-clear bottled H₂O. Except it gushes from the toilets of Singapore instead of a bubbling spring.

A New Investment Opportunity for Wyoming?



Assume treating the water uses 4 gallons of water for one gallon of bottled water as an industry standard, yields 50 Billion gallons of “treated” water from the CBM “produced waters”. At \$3.50 per gallon, total “lost” revenue is \$184 Billion!



Thank you for your consideration!