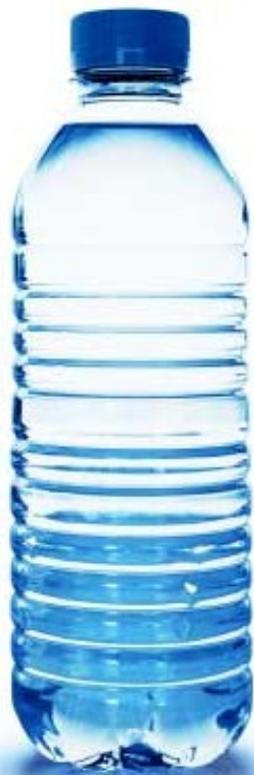# The Problem with Bottled Water

The environmental impact of one disposable bottle:

- Picture a disposable water bottle ¼ full of petroleum. That is how much petroleum it takes to make and distribute a single plastic bottle of water.

- It takes THREE bottles of water to make and distribute ONE disposable plastic bottle of water.

- 120 grams of greenhouse gases are generated by a single disposable plastic bottle of water.

- Roughly 50 billion plastic water bottles end up in U.S. landfills each year — *140 million every day!*

The financial impact of bottled water:

- At an average cost of $1.22 per gallon, consumers are spending 300 times the cost of tap water to drink bottled water.

- Americans spent $11.8 billion dollars on bottled water in 2012. This represented a 6.5% increase from 2011, during which the bottled water industry made $11 billion.

(Source: Business Insider):

Annual Impact of Switching from Disposable to Reusable Bottles				
Savings to You and the Planet	**One Person Switches to reusable**	**One Family of Four Switches to reusable**	**100 Students at a School Switch to reusable**	**1,000 People in a Town Switch to reusable**
# of Disposable Bottles Not Used	215 bottles	860 bottles	21,500 bottles	215,000 bottles
Gallons of Oil Saved (4 oz/bottle)	7 gallons	27 gallons	672 gallons	6,720 gallons
Gallons of Water Saved (51oz/bottle)	86 gallons	343 gallons	8,566 gallons	85,660 gallons
Grams of CO2 Kept Out of Air (120gms/bottle) *Equal to 12 balloons*	2,580 balloons	10,320 balloons	258,000 balloons	2.6 million balloons
Minimum $ Saved* 1st Year	$28	$111	$2,764	$27,635
Subsequent Yrs	$38	$151	$3,764	$37,635

* (Estimate based on 2008 U.S. results; 28 1/2 gallons per person (equivalent to 215 17oz disposable plastic bottles) at average price of 17 ¢ per bottle ($1.32 per gallon); tap water cost approximately $.002 per gallon; overall recycling rate of 22%; average retail price of Back2Tap bottle of $10.00)
Source: Beverage Marketing Corporation