

Problem: People are using too much municipal water

possible solutions

Atle and Jaymie

Promote less household water use



Charge more per thousands gallons



store water better



-if we don't change we will run out of water
-we need to decrease gallons per day per person

steps:

Make people aware of the problem
ex. social media, fundations, etc.
ways to do that: don't leave water running, shorter showers, only water plants when needed

1,000 gallons → \$2.00
10,000 gallons → \$8.00 (green yr.)
more people → higher expense
gallons per person per day - 110

ex. Water wells, try to not waste any. Keep away from direct sunlight, cool dark places, store water w/ food storage

(also promote this)

UTAH water is low ~~to~~: we can
make it higher so there's don't us
some more.

install water saving toilets

water the lawn less and at night
to reduce evaporation

don't use water to fill swimming
pools & hot tubs v. showers.

to limit water use

don't leave the water running



charger for water on a sliding scale that rewards
conservation.

happen in the future

Tayton Payton, Remika Utah

Problem: Utahans are using too much water.
Smaller Problem: Residential water use.

Solutions

1. Raise water prices.

2. Xeriscape your yard.

Steps

For every 1,000 gal. charge \$5.00.

Every 10,000 gal used it increased by \$1.00

Pay people enough money to get rid of their lawns. Pay to put in cheaper plants and grass that don't take as much water.

Utah Is Using Too Much Water

Smaller Problem - agriculture is using 75% of water

Solutions.

- Change law and make farmers pay for water use.

- Grow less hay and more of other crops.



Steps.

1. install water meters
2. come up with pay plan
3. charge less for their water

1. grow more of other crops and lower amount of hay/Alfalfa being grown
2. With the hay we grow we could charge more for what we sell

Olivia, Aaliyah, Milaki

Problem

agriculture irrigation uses 75% of our water
2050 - 45%

Solution - farmer right now are allowed
6 acre feet we can reduce it to 2 acre feet.

- STEP:
- ① Meter their water
 - ② Cheaper water till 2 acre/ft.
Hike up \$ after 2 acre/ft

Solution - Drip irrigation, watering the root of
the plant individually:

- ① offer them grants
- ② State sending people out to place the system
in.

- Highlight its water-saving benefits

Solution - More reservoirs and wells to bring into
Utah

- ① finding more run off water and building a reservoir
- ② Building more wells to find more ground water,

Cayden, Nate, Jayden

problem: Utahans are using too much water.

Smaller problem: Agriculture

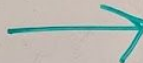
Solutions:

Provide an incentive for farmers that use less water per year.



install irrigation meters. This will cost anywhere from \$200-500 for the meter with additional installation cost. The average farmer uses up to 6 acre-feet per acre per year. We are suggesting that they use under 4.5 acre-feet per acre per year. If they do this we will cover the cost and installation cost of the irrigation meter plus an additional \$2,500 for their sacrifice.

Crop Rotation
- Soil health



influence farmers to rotate the plants they are planting. encourage them to plant plants that require more water/plants that replace the nutrients in the soil. Bettering the water that is able to be absorbed.

mya, Arian, Kaylyn, Evella