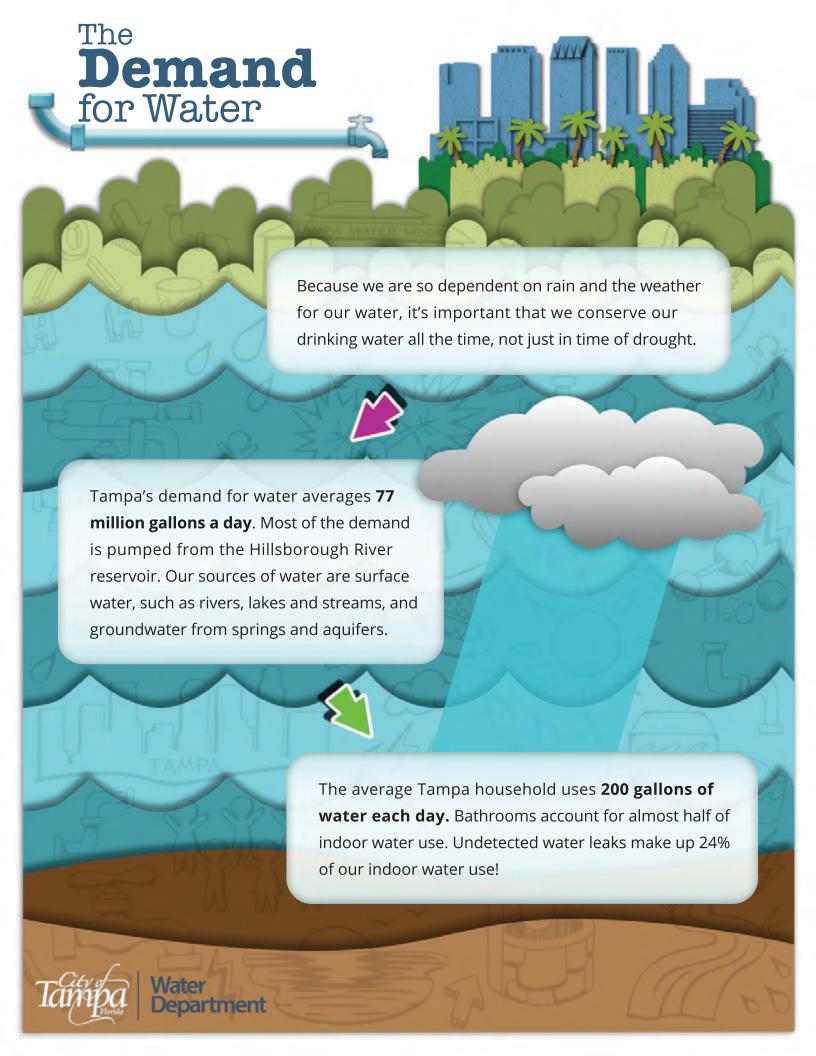


All of life needs water to exist. A good two-thirds of your body is water and you wouldn't be able to survive longer than a few days without water. It seems that water is everywhere. In fact, three-fourths of the earth is water but it's not drinkable because of the salt. Only a small amount of water is fresh water that we can use for drinking, cooking and watering our lawns.

Plants and animals get the water they need from rain. When it rains, water either sits on top of the ground (called surface water), soaks in (ground water) or evaporates into the air. In Tampa, we rely on the Hillsborough River for our drinking water. We depend on rainfall to keep the river high.

We live in a **humid subtropical climate**, with both wet and dry seasons. Most of our rain falls from June to September. This is also the hottest time and it's easy for most of this rain to evaporate quickly. Without enough rain, we experience a drought, or period of time when precipitation is lower than average. One good rain doesn't solve the problem. It takes a while to recover from a lack of rain or too much heat.



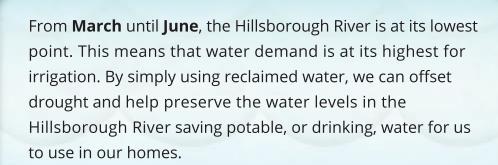


The **Demand** for Water

Reclaimed Water

Reclaimed water is an increasingly popular resource for reducing the usage of natural water resources. Water from treatment plants goes through an extensive filtration process and is redirected back into the water supply. This supply of water is not used for drinking but instead is used primarily for irrigation of landscape and cooling.

In Tampa, the **Howard F. Curren Advanced Wastewater Treatment Plant** is our source for reclaimed water. Using this treatment plant is a very big step in conservation of our planet because water is being recycled versus taken away from its natural source.



Another benefit of reclaimed water is that our lawns require less fertilizers. Reclaimed water is loaded with a high nutrient content, and it smells better too! High nitrogen levels make our lawns a lush green while utilizing less harmful chemicals, which can harm Tampa Bay's vulnerable water supply.



The **Demand** for Water



Word Search

R	X	С	N	Ν	0	В	G	K	E	C	D	D	Р	N
Н	Е	F	0	J	1	R	L	T	J	X	S	R	Q	0
L	С	Т	Е	В	E	Α	Α	L	S	K	Е	0	X	1
D	Z	W	Α	C	S	R	R	Е	Z	C	Α	U	1	T
D	Υ	J	Υ	W	0	E	Q	0	1	X	D	G	Р	Α
В	R	C	L	Р	D	J	R	P	C	Q	0	Н	F	М
В	L	N	Α	Y	Н	Ν	1	٧	N	K	X	T	٧	Α
Е	٧	V	Υ	Α	N	T	U	Α	E	Υ	L	C	U	L
C	Е	S	K	X	Α	Z	P	0	Н	S	J	L	F	C
Z	R	R	E	T	L	1	F	K	R	T	В	U	М	E
0	Α	В	1	C	K	N	Q	Р	Т	G	1	U	М	R
F	R	0	Н	G	U	0	R	0	В	S	L	L	1	Н
W	N	R	E	S	E	R	٧	0	1	R	1	0	Н	Н
N	U	G	S	R	0	R	0	W	U	U	Z	N	P	J
N	G	K	D	T	D	J	U	N	В	Z	W	W	Q	Y

DROUGHT EVAPORATE FILTER GROUNDWATER
HILLSBOROUGH
PRECIPITATION
RAIN

RECLAMATION RECYCLE RESERVOIR







Use these words to fill in the blanks:

	evaporate	Undetected water leaks	surface water	reclaimed water	<i>ı</i> ater					
	ground water	fertilizer	irrigate							
1.	Recycled water is	referred to as								
2. March through June is the hottest time of year and it's easy for most of the										
	rain to	quickly.								
3. When we use reclaimed water, our lawns require less										
4.		make up	24% of our indoor	water use.						
5.	Reclaimed water	is used to	crops.							
6.	When it rains, wa	ter either sits on top of the	ground (called),						
	soaks in (called _) or evapora	ates into the air.							





1. reclaimed water 2. evaporate 3. fertilizer 4. Undetected water leaks 5. irrigate 6. surface water; ground water

