

MIAMI-DADE WATER & SEWER DEPARTMENT

WATER TREATMENT PROCESS



MIAMI-DADE
COUNTY

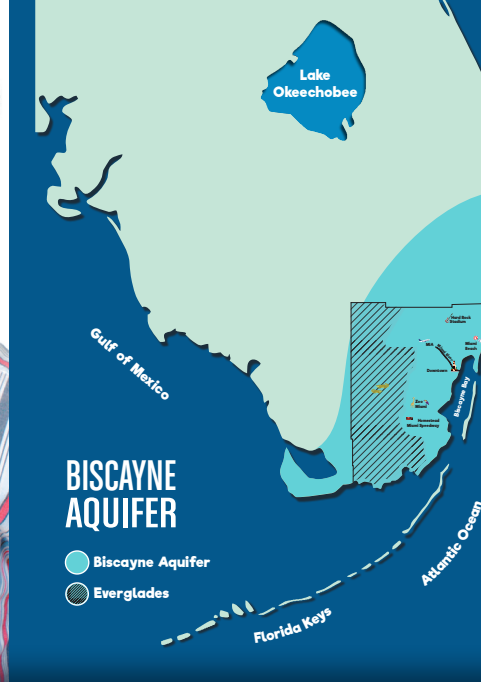
WATER IS OUR MOST VALUABLE RESOURCE

IT'S ESSENTIAL TO LIFE

Without it, there would not be any food, manufacturing, fire protection, and electricity.

AND THE VALUE OF MIAMI-DADE WATER IS UNMATCHED

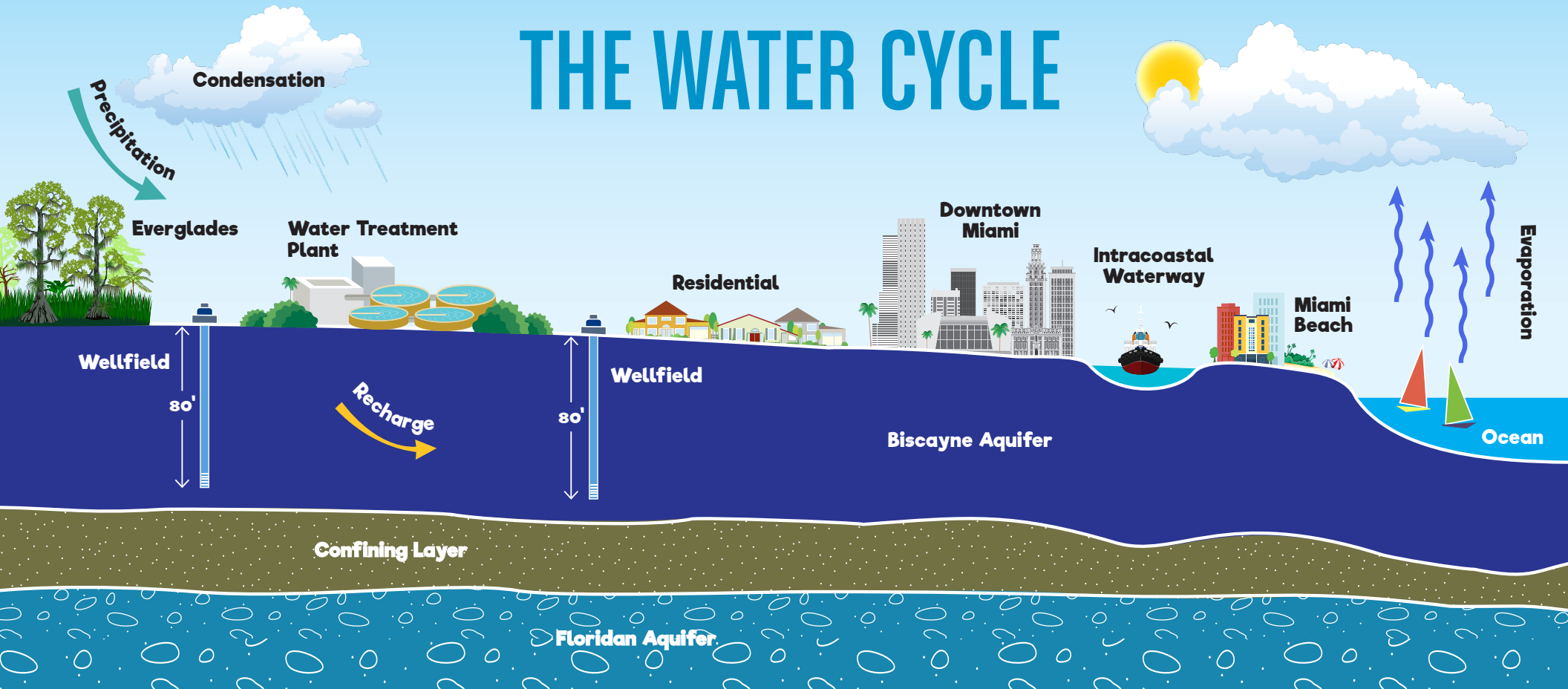
Miami-Dade residents pay less than .1¢ for a gallon of safe, quality water delivered straight to their homes and businesses.



THE PRIMARY SOURCE OF DRINKING WATER COMES FROM THE BISCAYNE AQUIFER

It's just below the land surface in South Florida and is made of porous rock with tiny cracks and holes. Rain water seeps in and fills the tiny cracks and holes.

THE WATER CYCLE



TO ENSURE AN ADEQUATE SUPPLY OF SAFE,
QUALITY DRINKING WATER WE ARE WORKING ON:

INFRASTRUCTURE UPGRADES (CAPITAL IMPROVEMENT PLAN)

Improving our aging infrastructure
to increase capacity and reliability.



BEING A UTILITY OF THE FUTURE

Finding ways to continuously address
resiliency needs and developing
proactive approaches to meet
current and future demands.



PROTECTING & CONSERVING OUR WATER SUPPLY

Offering numerous programs for
the community to save water and
be water wise.



HOW CAN YOU HELP?

Follow these water conservation steps to save water and money.

WATER SAVING TIPS



INDOORS



FILL BASIN WITH WATER
TO WASH DISHES



RUN DISHWASHERS &
WASHING MACHINES
WITH FULL LOADS



INSTALL WATERSENSE
CERTIFIED TOILETS



USE HIGH-EFFICIENCY
FAUCETS & SHOWERHEADS



TURN OFF WATER WHILE:
WASHING HANDS, SOAPING
YOUR HAIR & BODY
& BRUSHING TEETH



FIX LEAKY FAUCETS
& TOILETS



OUTDOORS



INSTALL A DRIP
IRRIGATION SYSTEM



WATER PLANTS BEFORE
10 AM OR AFTER 4 PM



LANDSCAPE WITH NATIVE
FLORIDA PLANTS



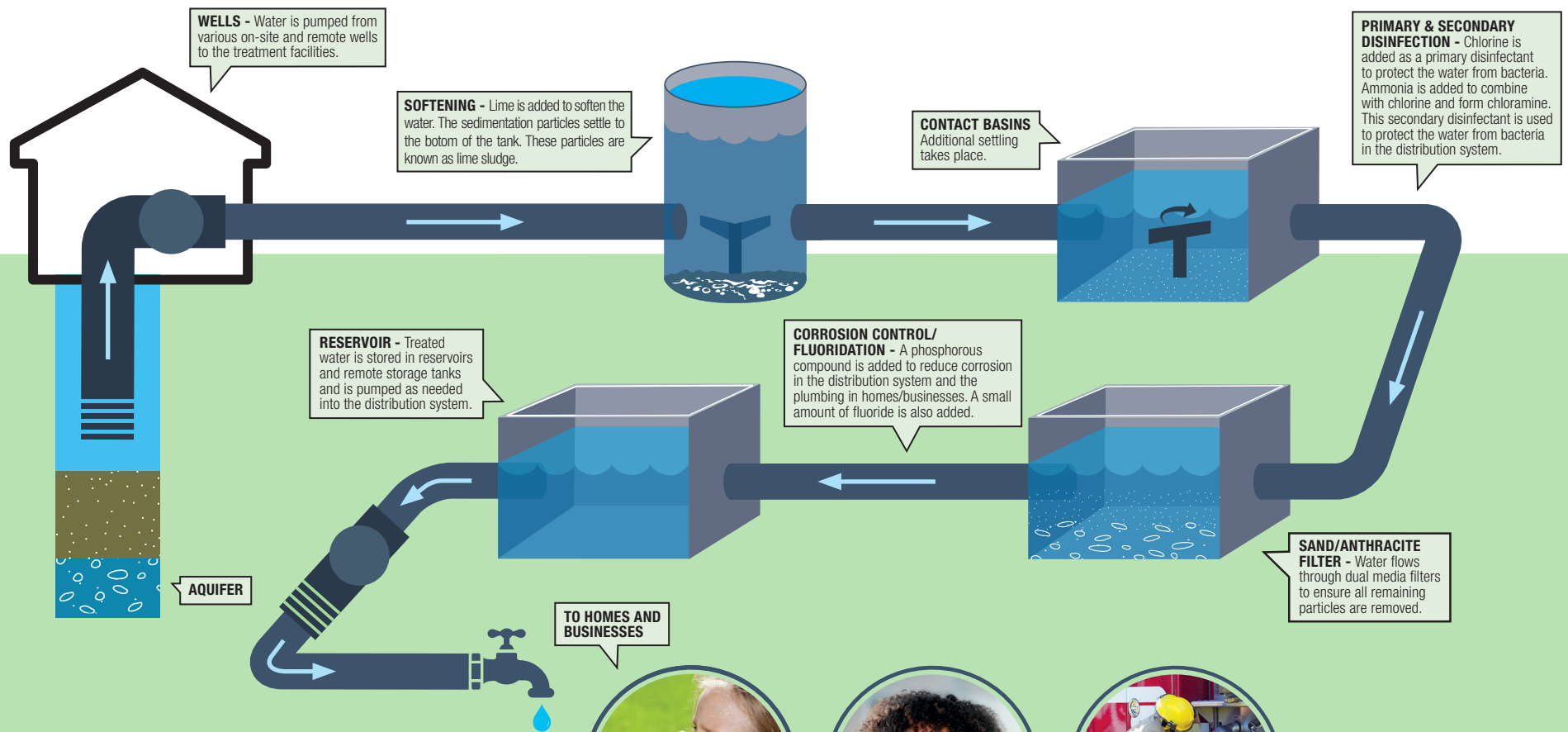
USE A BROOM TO CLEAN
OUTDOOR AREAS



USE A BUCKET, NOT A
HOSE, TO WASH YOUR
CAR

WATER TREATMENT PROCESS

Our number one goal is to provide Miami-Dade County residents, visitors and businesses with a safe and dependable supply of high quality drinking water.



NOTE: Additional processes (ie: Air Stripping) take place at the Hialeah and John E. Preston Water Treatment Plants to remove additional volatile organic compounds.



WASD FACTS



The Miami-Dade Water and Sewer Department (WASD) is the largest water and wastewater utility in the Southeastern United States.



MORE THAN **300**
MILLION GALLONS OF
DRINKING WATER
TREATED A DAY

MORE THAN

14,000
MILES OF PIPELINES



APPROXIMATELY

1,060

PUMP STATIONS



3 REGIONAL WATER
TREATMENT PLANTS

5 SMALLER
TREATMENT PLANTS

WATER IS TESTED
MORE THAN

150,000

TIMES PER YEAR



NEARLY **300**
MILLION GALLONS
OF WASTEWATER
TREATED A DAY



42,599

FIRE HYDRANTS

151,769

WATER VALVES



SERVING

449,985

WATER CUSTOMERS

QUALITY. VALUE. ECONOMIC GROWTH.

WWW.MIAMIDADE.GOV/WATER

