Coachman Park
Environmentally Friendly
Showcase Park

Just think about it…
Lots of Possibilities Here

For Families and Residents and Visitors

Easy to access by multiple forms of transportation

- Walking (multiple benches along the way)
- Biking (bike share program)
- Trolley
- Ferry
- Uber/Lyft (special lane to encourage fewer cars/parking needs)
- Bus - public transportation - Easy load/unload areas
- Automobile

Emphasis on the Playground

This is one of the nation’s most environmentally friendly parks - in Kenosha, WI

Family-focused - Not fighting Mother Nature

Educational Features of Splash Pads -

Teaching about our region with names - displays of plants/animals

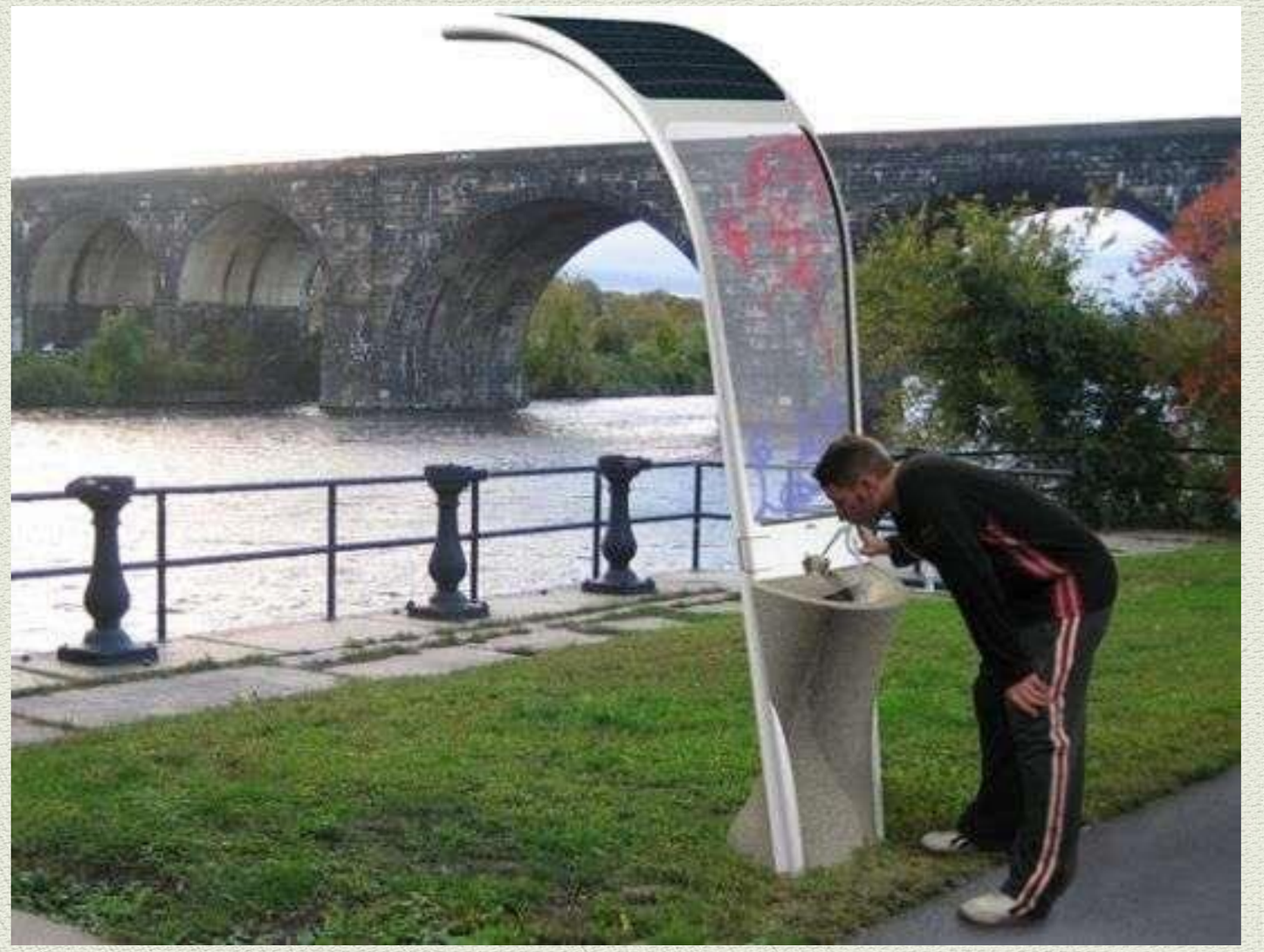
Bike Rentals - Docking Station

Good Habits - and Reminders

Include multiple full-spectrum recycling centers.

Good Habits - Sending Positive Messages

Solar Powered Drinking Fountain



Solar Flower Charging Station

Solar Flower Charging Station
This flower moves with the position of the sun!

Live Plant Sculpture

Teaching and Learning with a Coastal Emphasis

Sculptures made from ocean trash

These sculptures can be in the library, too

Imagine including teaching plaques to educate visitors about the amount and impact of trash in our community and water.

Something like this might look great in the library. It could be a good way to tie the library and the park together.

Encourage Drinking Water Without Plastic

Solar-powered Bike/Walking Path in Poland

Solar-powered Interactive Light Installation in Croatia (We could do it on a smaller scale)

Solar-powered Interactive Light Installation in Croatia

Solar-powered Light Tree

Solar Powered Splash Pad

Solar Powered Splash Pad

EV Parking Spaces

Eco-Parking

A device that allows you to pay
in beach parking hours by recycling

Solar Covered Parking

Pervious Pavement Where Possible

"Xeriscape Landscaping" Achieve a Beautiful Landscape and Conserve Resources

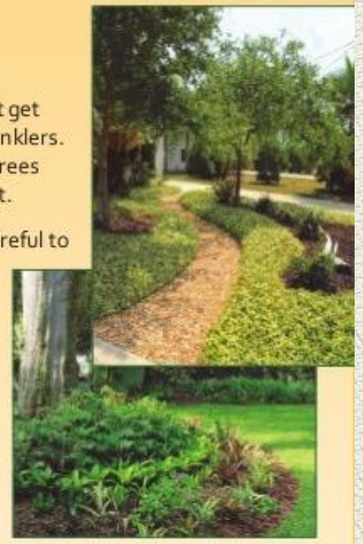
CITY OF RIVIERA BEACH
PALM BEACH COUNTY, FL.

CODE ENFORCEMENT DIVISION

THE SEVEN STEPS OF XERISCAPE

Learn the seven basic steps that you should follow to help you install a lawn using the principles of Xeriscape landscaping.

Xeriscaping refers to a method of landscape and garden design that minimizes water use.



1. **PLAN AND DESIGN** – Make a sketch of the area you plan to landscape and **consider the conditions of your yard.** For example, make a note of the areas that get lots of sun or areas that get lots of shade. Don't forget to consider the areas that get lots of water or are nearest to your sprinklers. Make note of areas where you walk or are used as pathways. Also consider the existing plants, trees and vegetation that you already have in your yard and the areas that plants and grass grow best.

2. **CHOOSE PROPER PLANTS** — When choosing new plants for your Xeriscape project, be careful to match each spot in your landscape plan with plants that grow best in the specific conditions of that spot. **Native vegetation placed in the right spot** will remain healthy and will need minimal irrigation once they are established. Consider each plant's mature height and width, its need for sun, shade, soil and water, and its tolerance to salt or temperature. Look for plants that can resist bugs, pests and disease. If they are healthy, you should try to preserve as many existing trees and shrubs as possible.

3. **OBTAIN A SOIL ANALYSIS** — A soil analysis can help you decide which plants are best suited to the conditions of your yard. You can find out your soil's pH balance– its level of acidity or alkalinity, and its composition, from sandy to clay. Call your local landscaper for information on how to obtain a soil analysis.

4. **WISE USE OF GRASS ENCOURAGED** — Grass can still play a role in a water conserving landscape. Plan **practical turf grass areas** where turf is most functional in the landscape plan, such as where children or pets will play, or for erosion control. In other areas, consider more water-thrifty alternatives such as groundcovers or mulched walkways.

5. **IRRIGATE EFFICIENTLY** — Group plants together based on their water needs. Put plants that need more water in moist areas and plants that prefer well-drained sites in drier areas. Group together plants that may need irrigation so that water is only used in limited areas. **Irrigate only when plants need water** or when rain is inadequate. Use the right irrigation system, proper sprinkler head and spacing for each area.

6. **USE MULCH FOR BORDERS AND TO ACCENT LANDSCAPED AREAS** — Mulch helps hold moisture in the soil, moderate temperature, slowly release nutrients, reduce weed growth and slow erosion. **Spread mulch 2 to 4 inches thick** around shrubs and trees and on flower beds, but be sure to keep mulch from coming into direct contact with plant stems.

7. **PROPER LAWN MAINTENANCE** — Maintain neat and health lawns. Remove weeds by hand before they get established and crowd out the plants you want. Too much water and fertilizer can promote weak growth and increase the need for pruning and mowing. Watch for pests and make sure they're truly a problem before waging war, then do it organically whenever possible.

Information Excerpted from "WaterWise: South Florida Landscapes," published by the South Florida Water Management District. For more Information, go to www.sfwmd.gov

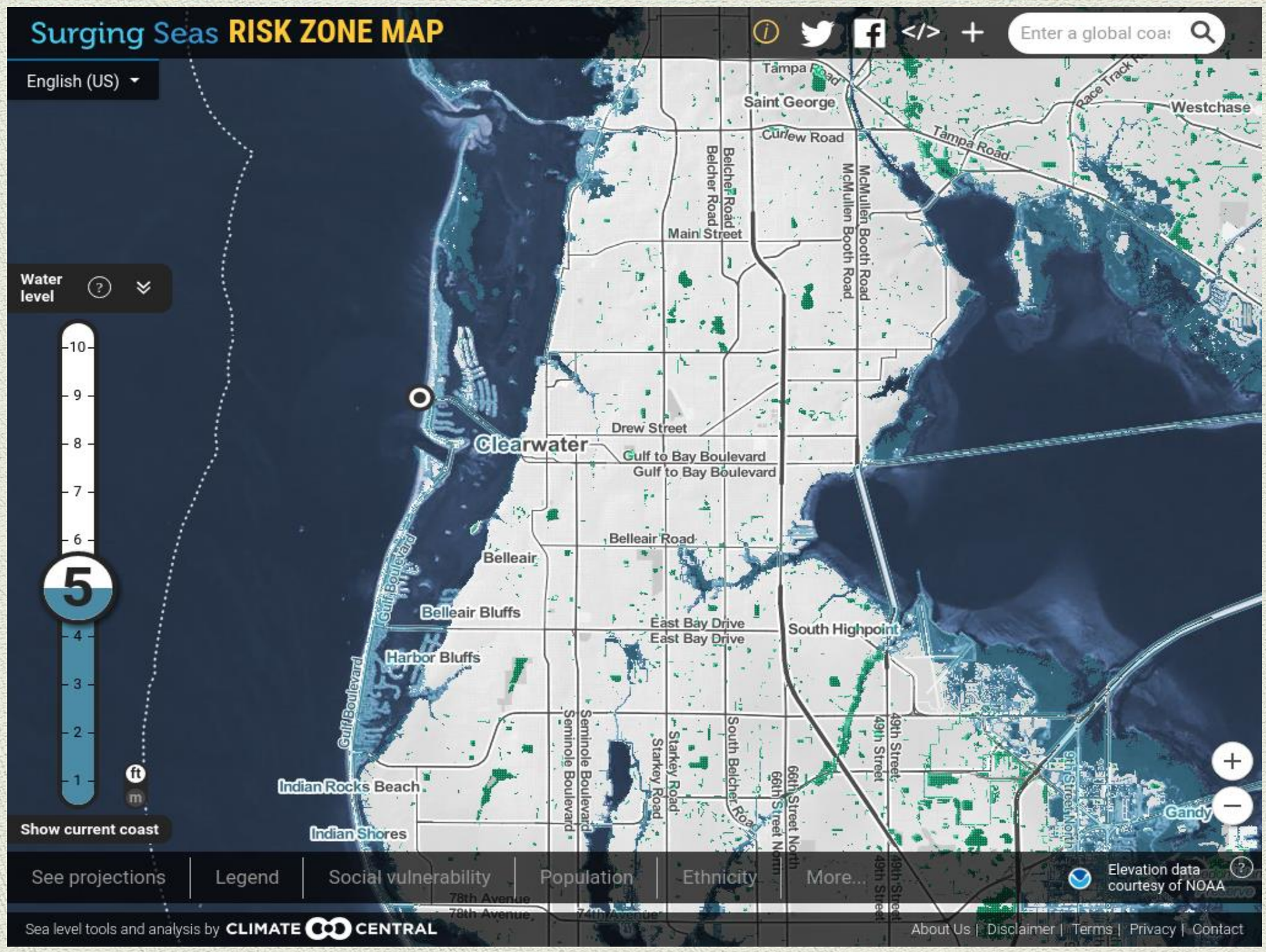
SOUTH FLORIDA WATER MANAGEMENT DISTRICT
WATER SHORTAGE WATCH
Keeping an Eye on Water Supply

CODE ENFORCEMENT DIVISION
2051 Martin Luther King Blvd., Suite 100
City of Riviera Beach • Riviera Beach Police Department
600 West Blue Heron Blvd. • Riviera Beach, Florida 33404
www.rivierabch.com

Xeriscape Landscaping - minimizes water use

- Native gardens with educational signage
- Pollinator patches
- Rain gardens
- Integrated pest management
- Turf grass species that require little to no fertilizer and irrigation
- Use reclaimed water
- Rain barrels

According to the IPCC and NOAA projections of sea level rise for the area, there is a 64% risk of at least one flood over five feet occurring between now and 2050. This may make the southernmost section of Coachman Park vulnerable.



Because of the high probability of flooding -

Planning for resiliency in the park's ability to cope with flooding or infrastructure to prevent flooding should be prioritized.

Green infrastructure methods, such as a living shore installation, should be considered for the south-eastern portion of the park.

Edible Plant Garden

ROI - Return on Investment

- Solar will ALWAYS provide a ROI -
- There are substantial cost savings by utilizing xeriscaping and reducing water consumption.
- Savings are realized by choosing native plants/landscaping - fewer (if any) costly/harmful herbicides, fertilizers, pesticides
- By establishing an “Environmentally Educational - Showcase Park” Clearwater will distinguish itself from all other parks - making it a “Destination Park.”
- Benefit of tying in with “theme” in renovated library
- Studies show that travelers are choosing destinations based on their environmental policies - this is an investment in our tourism economy.

ROI - Return on Investment

- This can be a park that is a model of sustainable, environmentally focused, intentional choices.
- If we make sustainable choices, forward thinking, we can be proud leaders in Environmental Stewardship.
- People will come to the park to learn as well as enjoy the many amenities it offers.
- All of the possibilities presented align with Greenprint.