



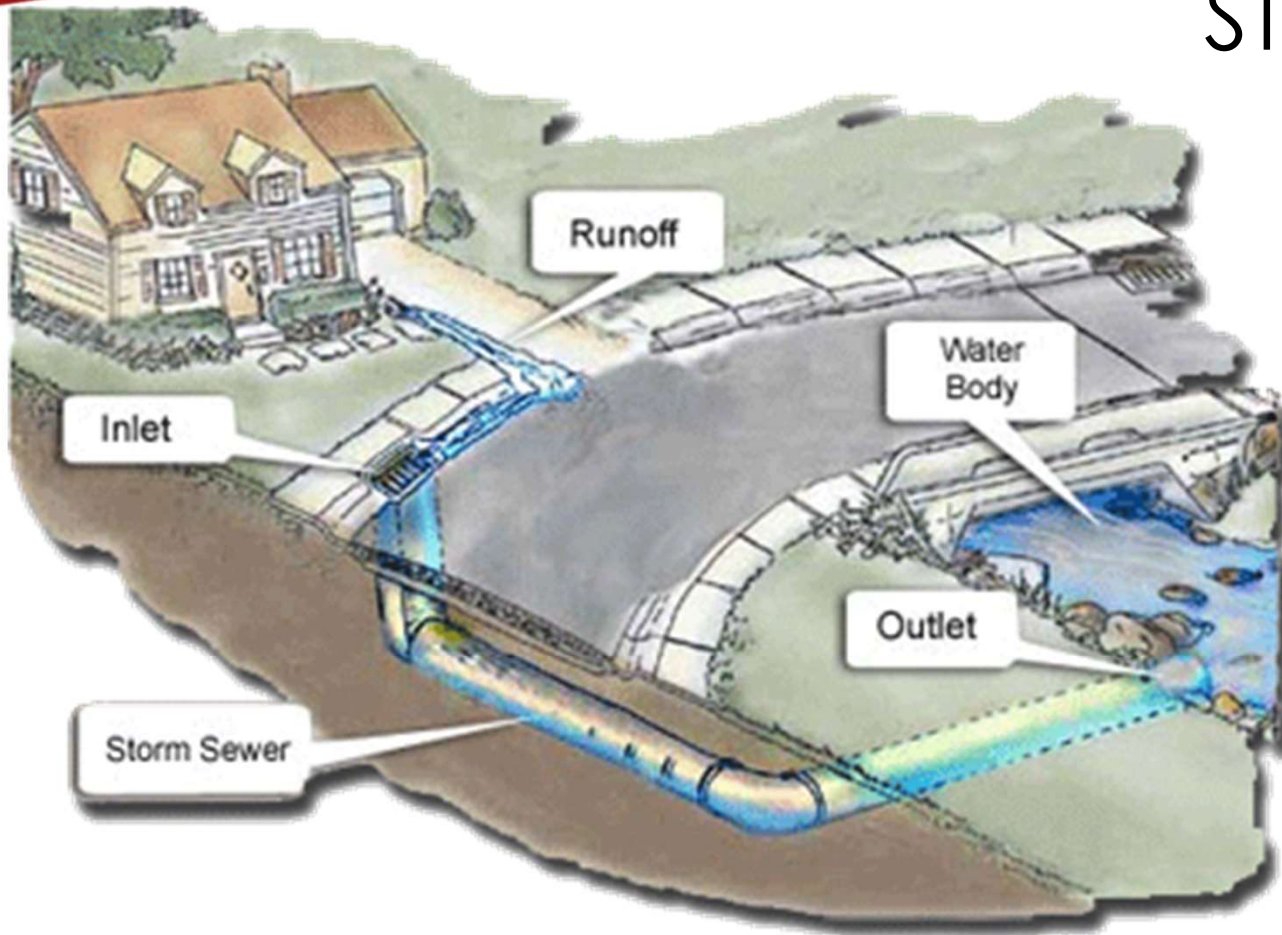
# ABC's Of Stormwater

- NPDES
- MS4
- BMPs
- LID
- LMS



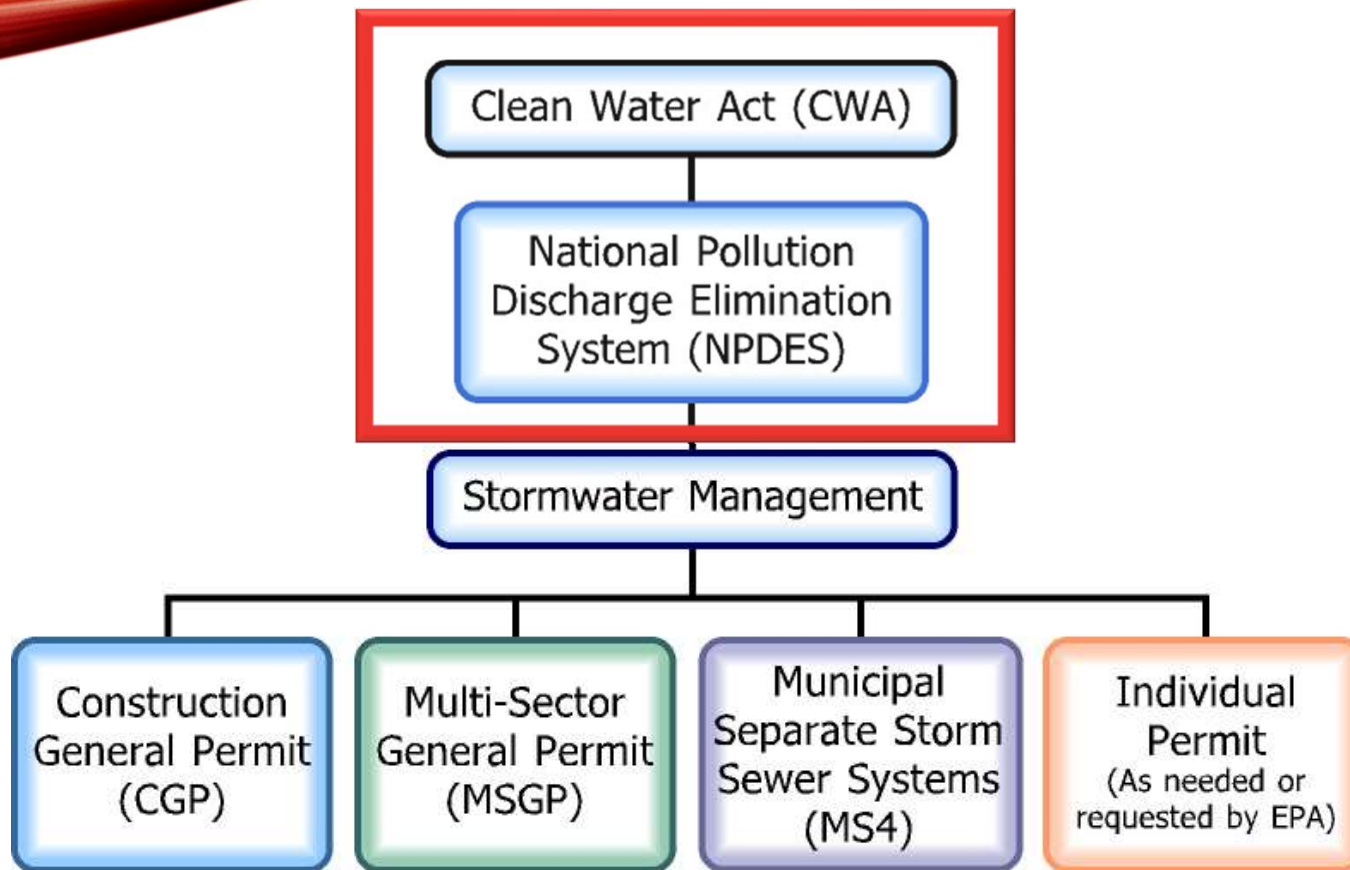
THE TOWN OF  
INDIAN RIVER SHORES FLORIDA

# STORMWATER





# NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)



## NPDES – WHAT IS IT?

The NPDES is a federal program created in 1972 and prohibits “discharging pollutants through a point source into a water body”.





## IN “PLAIN LANGUAGE”

NPDES:

A variety of rules and regulations to MINIMIZE and PREVENT POLLUTANTS in the stormwater system (which discharges into the Lagoon and Ocean).



# POLLUTANT EFFECTS

- Cloudy water makes it difficult / impossible for aquatic plants to grow, thus destroying aquatic habitats like the Indian River Lagoon.
- Excess nutrients in the water can cause algal blooms.
- Beach closures can occur due to bacteria and other pathogens.
- Debris washed into waterbodies can choke, suffocate, disable, or kill wildlife like ducks, fish, turtles, birds.
- Ingesting either polluted water or diseased fish and shellfish harms both land animals and humans.



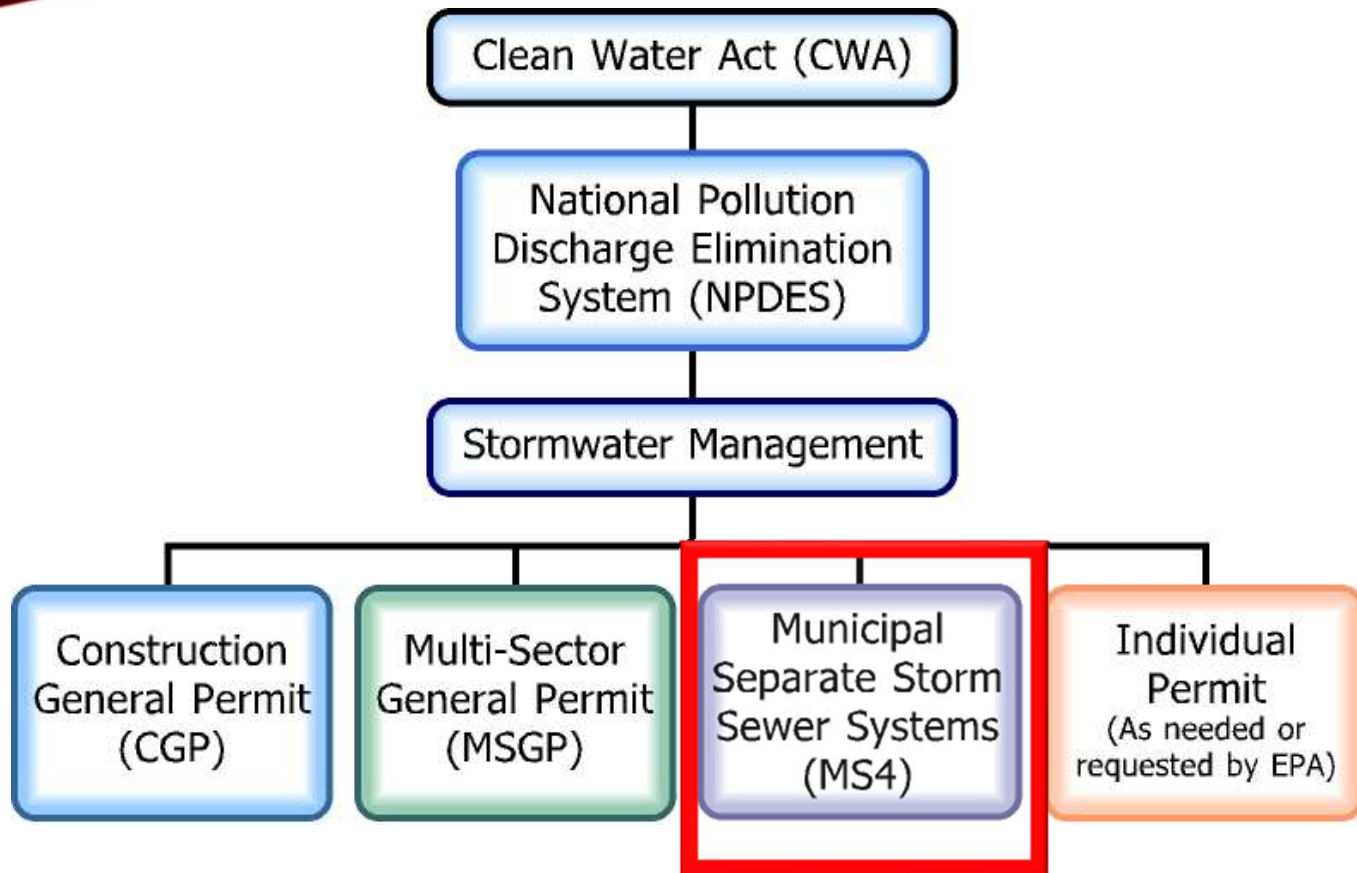
## DID YOU KNOW...

- The Town of Indian River Shores records how much trash / debris is picked up from the beaches by local homeowner volunteers as part of their MS4 program.
- The amount of trash debris collected on our beaches would astonish most residents. This trash collected by residents like you over a two-year period was over one ton.





# MUNICIPAL SEPARATE STORMWATER SEWER SYSTEM (MS4)



The Town of Indian River Shores has a coordinated approach to solving stormwater issues.





# HOW CAN WE REDUCE POLLUTANTS?

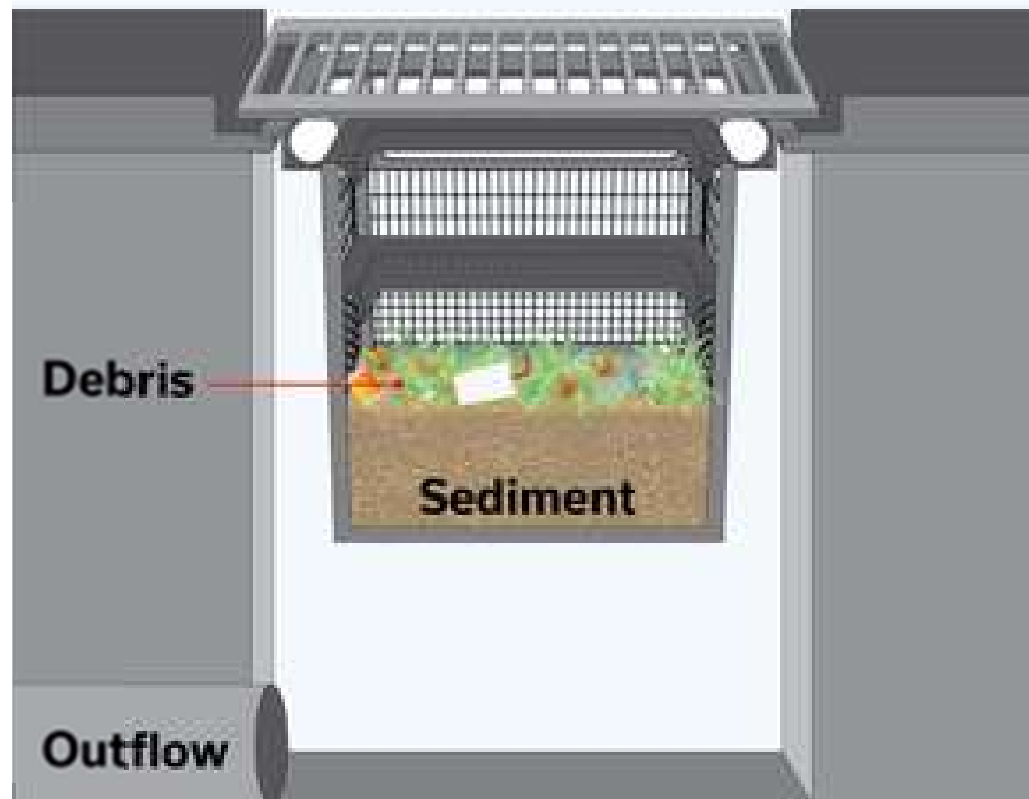
The implementation of “Best Management Practices” (BMPs) are important to helping control the runoff and keep the lagoon clean.

Here are a few of the ways that Indian River Shores has worked to reduce pollutants.

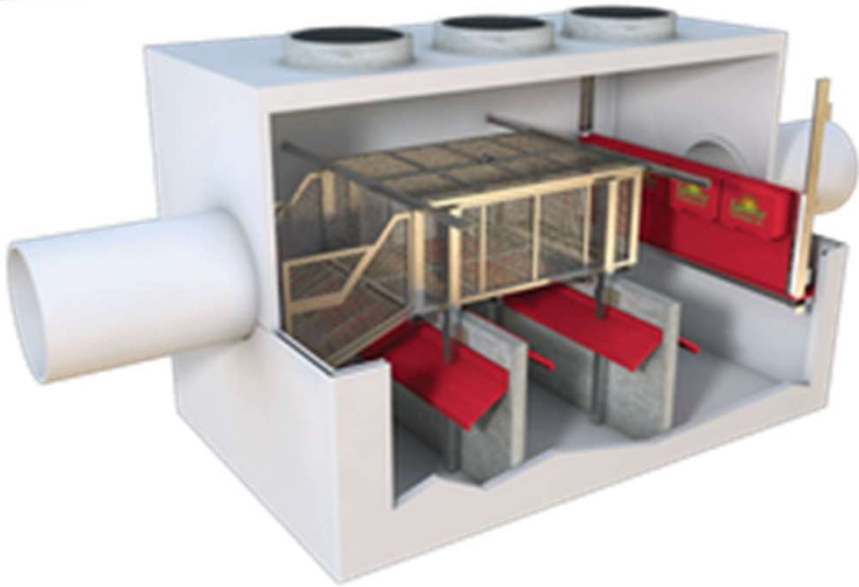
This is an example of a filter basket installed on the inlets at Old Winter Beach Road.



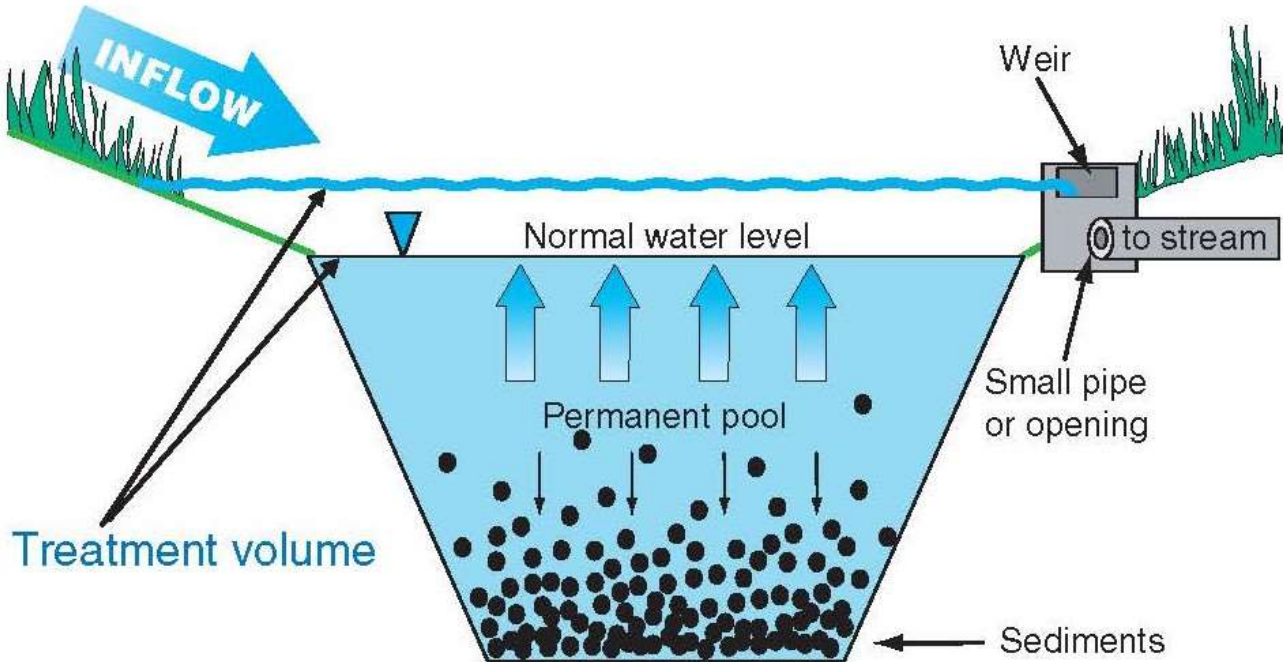
## Stage 6



This is an example of a baffle box installed at Indian Lane.



# Storm Water Pond



# EDUCATION CAN HELP TOO!

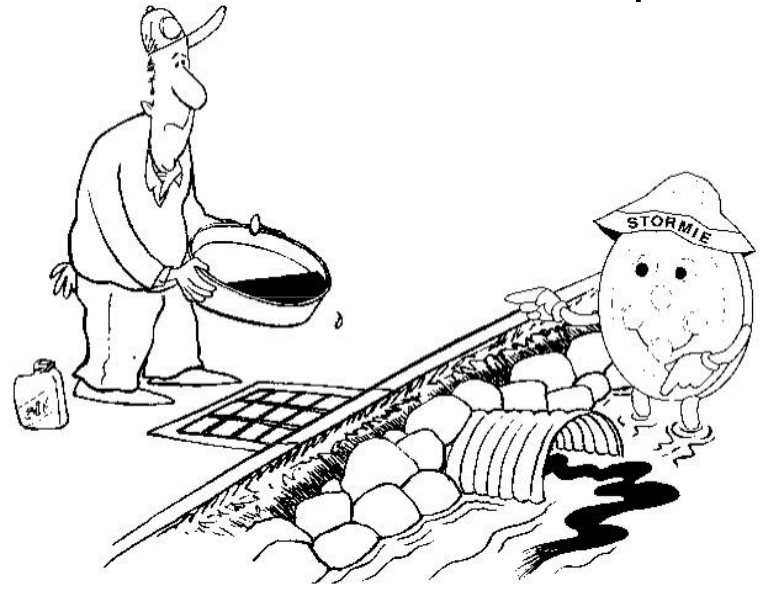


Public information is available on our website, signs, presentations to Town employees, local homeowner's associations, and local contractors.



# KEEP AN EYE OUT FOR ILLICIT DISCHARGES

An illicit discharge is defined as anything going into the storm sewer system that is not composed entirely of stormwater.



# Illicit discharges



Grass  
Clippings

Pool  
Cleaner



# Illicit discharges



House painters

# Illicit Discharges



## Things to look for



Presence of an oily sheen in the water, unusual odor, or color

Foam, scum, or suds coming from, around, or out of stormwater outfall pipes



# YOU CAN HELP...

- Report dumping or debris within the stormwater system to the Town Building Department at:  
**772-231-2451**
- Talk to your contractors - “Only Rain Down the Drain”

