

Below is an excerpt of the IDDE portion of the permittee training that was conducted on 3/20/2019. In addition to the presentation, the FDOT IDDE training video was shown.

IDDE



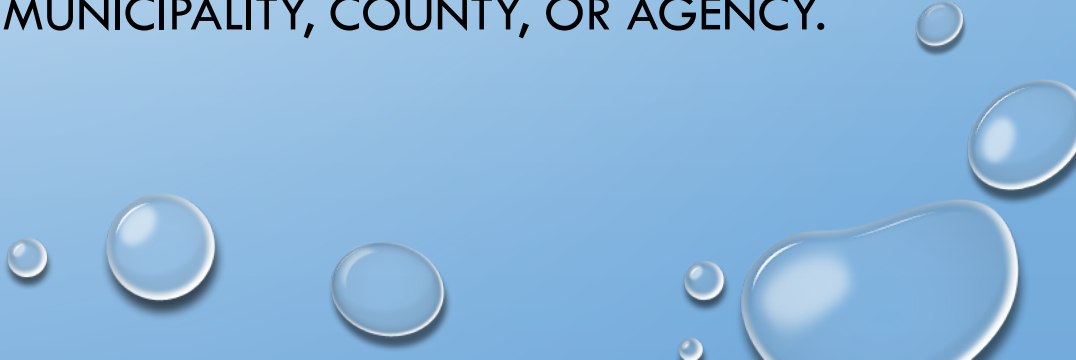
**ILLEGAL  
DUMPING  
IS A  
CRIME**





# IDDE

## MS4 Permit Compliance

- **LEGAL AUTHORITY:** EACH PERMITTEE PASSED AN ORDINANCE WHICH PROHIBITS THE DISCHARGE OF ALMOST EVERYTHING BUT STORMWATER RUNOFF INTO ITS MS4.
  - **COMPLIANCE:** AS PART OF THEIR IDDE PROGRAM, MOST PERMITTEES RELY ON PROPERLY TRAINED STAFF TO HELP REPORT ILLICIT DISCHARGES.
  - **TRAINING:** TODAY'S TRAINING IS TO ENSURE YOU KNOW BOTH WHAT YOU ARE LOOKING FOR, AND REMIND YOU THAT YOU SHOULD KNOW HOW TO REPORT A SUSPECTED ILLICIT DISCHARGE IN YOUR MUNICIPALITY, COUNTY, OR AGENCY.
- 

# IDDE

AN ILLICIT DISCHARGE IS ESSENTIALLY ANYTHING THAT IS INTRODUCED TO THE MS4 THAT IS NOT STORMWATER. IT MAY RESULT FROM:

- DELIBERATE DUMPING/DISPOSAL INTO THE MS4
- AN ACCIDENTAL SPILL/LEAK/DISCHARGE
- RUNOFF FROM A CONTAMINATED SITES OR CONSTRUCTION SITES
- A DELIBERATE (BUT UNPERMITTED) CONNECTION TO THE MS4

# IDDE

SOME OF THE MOST COMMON FORMS OF ILLICIT DISCHARGE :

- CHEMICALS AND PETROLEUM
- NUTRIENTS AND FERTILIZER
- DETERGENTS AND WASHWATERS
- TRASH AND DUMPING
- SEWAGE
- SEDIMENTS
- CONCRETE WASHOUT

# IDDE

SOME OF THE MOST COMMON FORMS OF ILLICIT DISCHARGE :

- **CHEMICALS AND PETROLEUM**
- NUTRIENTS AND FERTILIZER
- DETERGENTS AND WASHWATERS
- TRASH AND DUMPING
- SEWAGE
- SEDIMENTS
- CONCRETE WASHOUT

IDDE



IDDE





IDDE



IDDE



IDDE



# IDDE

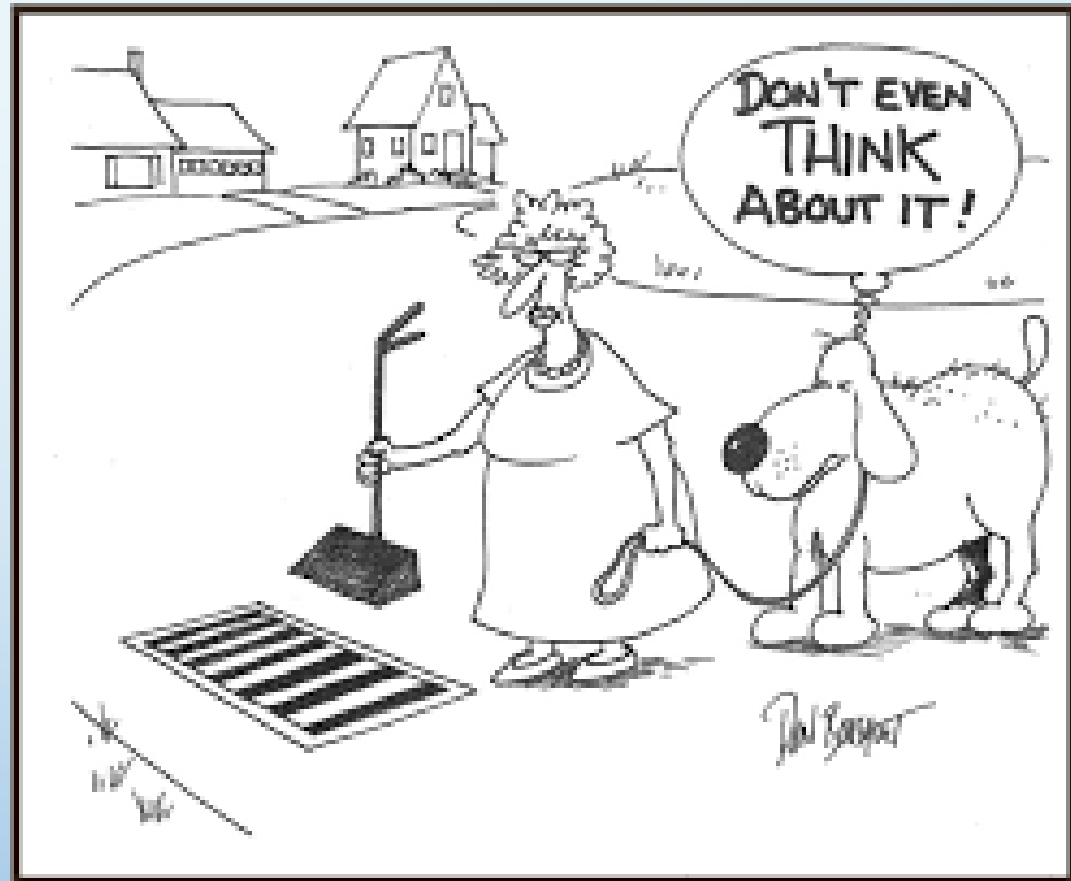
SOME OF THE MOST COMMON FORMS OF ILLICIT DISCHARGE :

- CHEMICALS AND PETROLEUM
- **NUTRIENTS AND FERTILIZER**
- DETERGENTS AND WASHWATERS
- TRASH AND DUMPING
- SEWAGE
- SEDIMENTS
- CONCRETE WASHOUT

IDDE



IDDE



IDDE



IDDE





IDDE



# IDDE

SOME OF THE MOST COMMON FORMS OF ILLICIT DISCHARGE :

- CHEMICALS AND PETROLEUM
- NUTRIENTS AND FERTILIZER
- **DETERGENTS AND WASHWATERS**
- TRASH AND DUMPING
- SEWAGE
- SEDIMENTS
- CONCRETE WASHOUT

IDDE



**IDDE**



IDDE



# IDDE

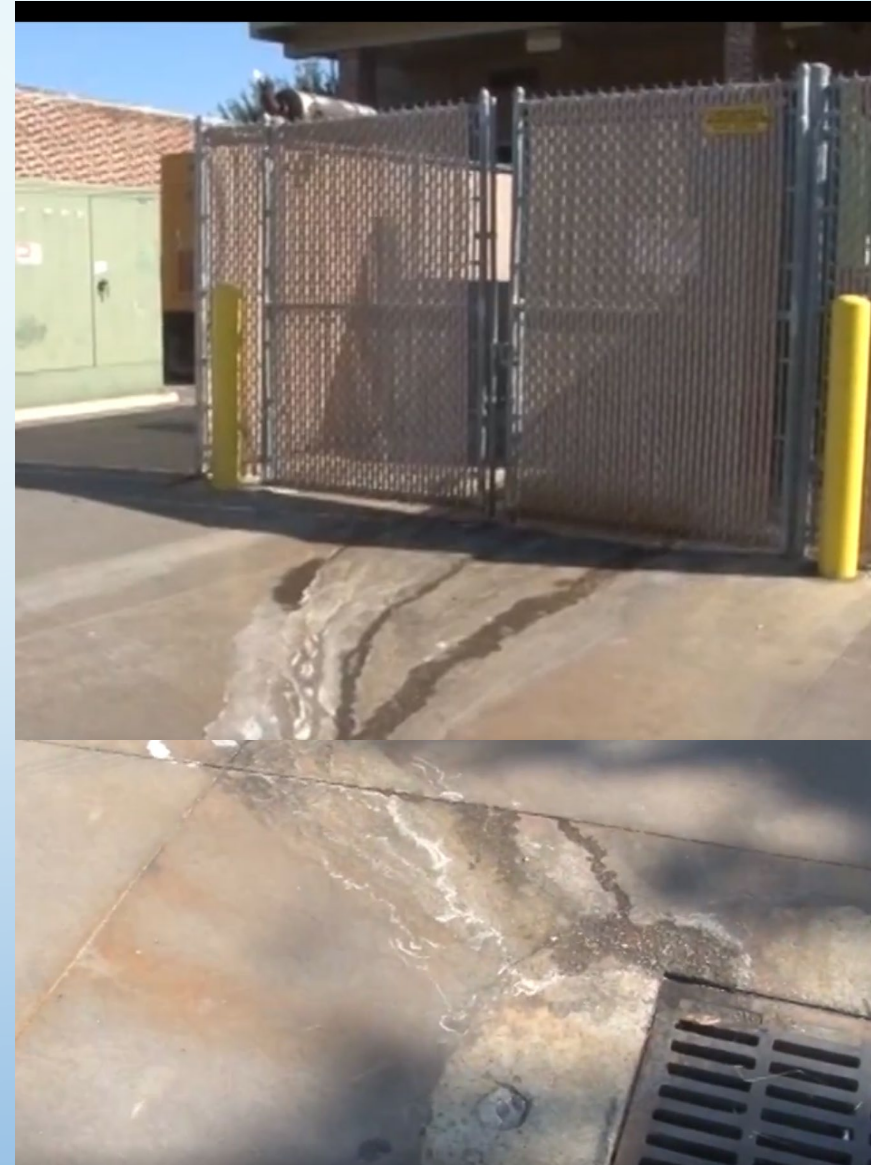
SOME OF THE MOST COMMON FORMS OF ILLICIT DISCHARGE :

- CHEMICALS AND PETROLEUM
- NUTRIENTS AND FERTILIZER
- DETERGENTS AND WASHWATERS
- **TRASH AND DUMPING**
- SEWAGE
- SEDIMENTS
- CONCRETE WASHOUT

IDDE



IDDE





# IDDE

SOME OF THE MOST COMMON FORMS OF ILLICIT DISCHARGE :

- CHEMICALS AND PETROLEUM
- NUTRIENTS AND FERTILIZER
- DETERGENTS AND WASHWATERS
- TRASH AND DUMPING
- **SEWAGE**
- SEDIMENTS
- CONCRETE WASHOUT

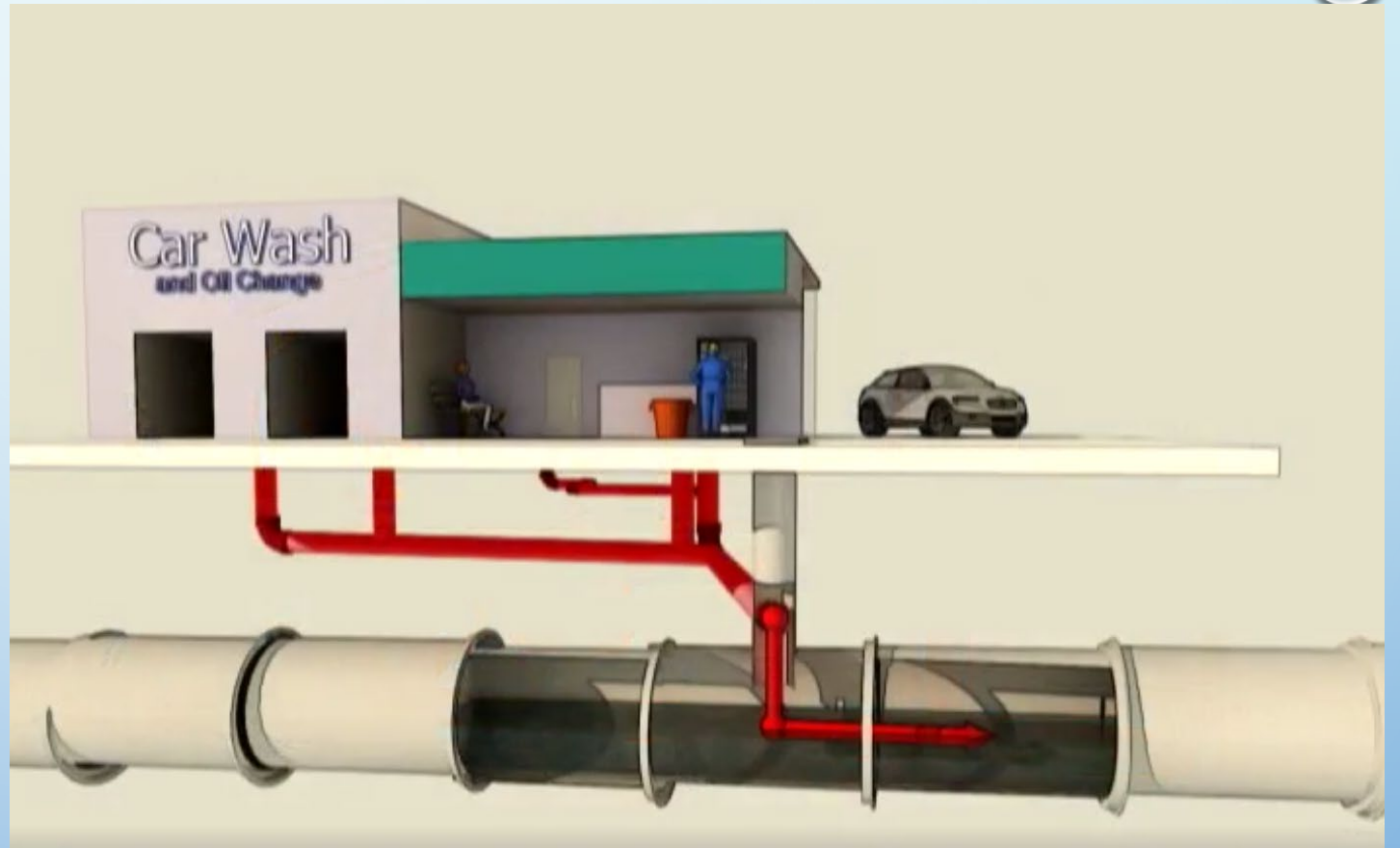
IDDE



IDDE



IDDE



# IDDE

SOME OF THE MOST COMMON FORMS OF ILLICIT DISCHARGE :

- CHEMICALS AND PETROLEUM
- NUTRIENTS AND FERTILIZER
- DETERGENTS AND WASHWATERS
- TRASH AND DUMPING
- SEWAGE
- **SEDIMENTS**
- **CONCRETE WASHOUT**

IDDE



# IDDE

SOME OF THE MOST COMMON FORMS OF ILLICIT DISCHARGE :

- CHEMICALS
- PETROLEUM
- FERTILIZER
- DETERGENTS AND WASHWATERS
- TRASH AND DUMPING
- SEWAGE
- SEDIMENTS
- CONCRETE WASHOUT



IDDE

### 3 SIMPLE STEPS:

1. KEEP A KEEN EYE OUT FOR POSSIBLE ILLICIT DISCHARGES
2. TAKE PHOTOGRAPHS OF WHAT YOU OBSERVE
3. REPORT THE SUSPECTED ILLICIT OBSERVATION TO YOUR DESIGNATED HOTLINE AND TO YOUR IMMEDIATE SUPERVISOR.
  - DATE, TIME, AND SPECIFIC LOCATION



**IDDE**

## **WHAT YOU DON'T NEED TO DO:**

- CONFRONT A SUSPECTED OFFENDER
- COLLECT SAMPLES OR PHYSICAL EVIDENCE

# IDDE

## **SOME DISCHARGES ARE NOT ILLICIT/ILLEGAL:**

- FLOWS FROM FIREFIGHTING
- WATER LINE FLUSHING OR OTHER CONTRIBUTIONS FROM POTABLE WATER SOURCES
- LANDSCAPE IRRIGATION AND LAWN WATERING
- IRRIGATION WATER
- DIVERTED STREAM FLOWS
- RISING GROUNDWATER
- DIRECT INFILTRATION OF GROUNDWATER TO THE SEPARATE STORM SEWER SYSTEM
- UNCONTAMINATED PUMPED GROUNDWATER
- FOUNDATION AND FOOTING DRAINS
- WATER FROM CRAWL SPACE PUMPS
- UNCONTAMINATED AIR CONDITIONING CONDENSATION
- SPRINGS
- INDIVIDUAL RESIDENTIAL CAR WASHING
- FILTER BACKWASH FROM RESIDENTIAL SWIMMING POOLS
- FLOWS FROM RIPARIAN HABITATS AND WETLANDS

# IDDE

## BEYOND REPORTING:

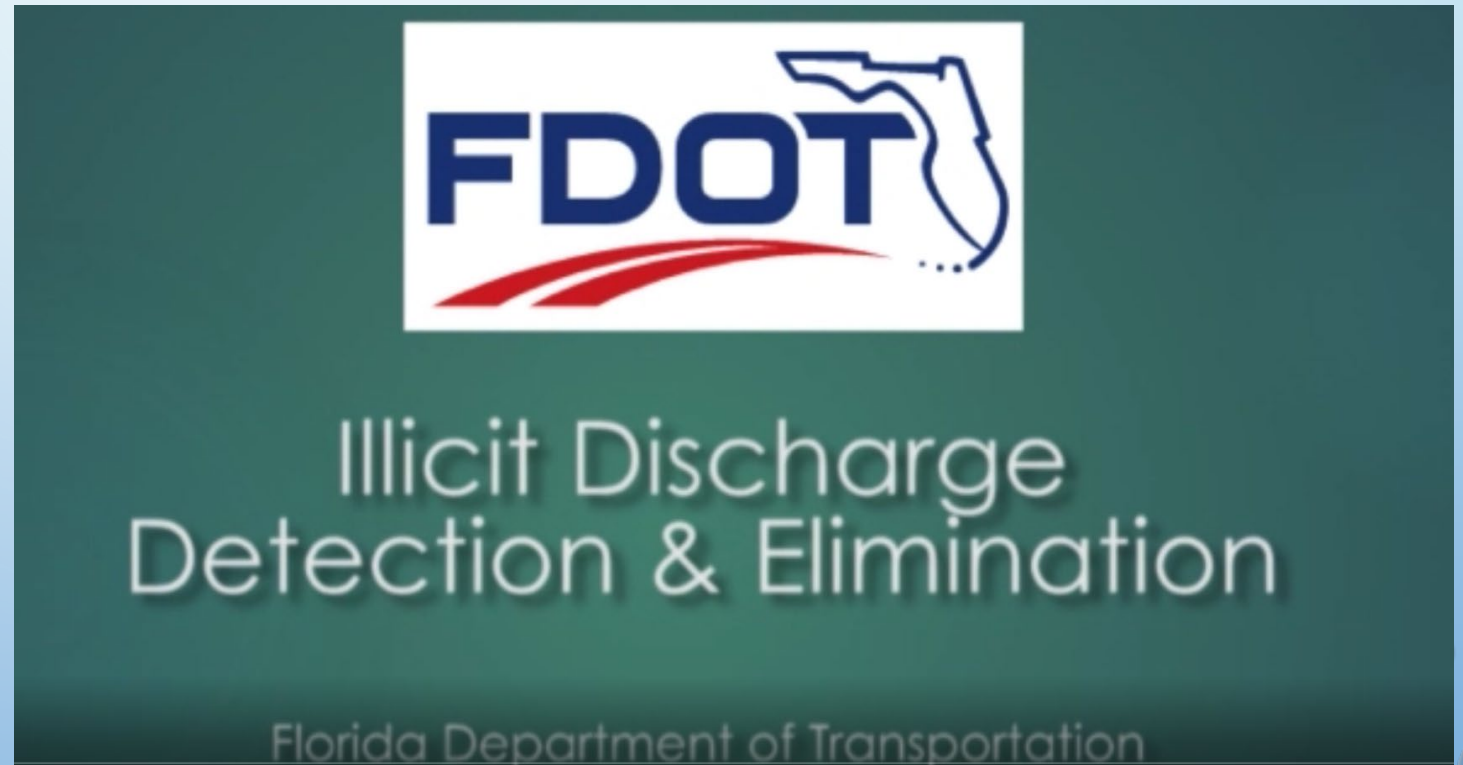
AFTER A SUSPECTED ILLICIT DISCHARGE IS FOUND OR REPORTED, EACH PERMITTEE HAS SOMEONE THAT CONDUCTS REACTIVE ACTIVITIES IN ORDER TO COMPLETE THE ELIMINATION PORTION OF IDDE:

- INVESTIGATION
- NOTIFICATION
- ELIMINATION
- ENFORCEMENT

FDOT TRAINING VIDEO:

***IDDE: ILLICIT DISCHARGE DETECTION  
AND ELIMINATION***

IDDE





# IDDE

## **KEY NOTE: AWARENESS!**

### 3 EASY STEPS:

1. KEEP A KEEN EYE OUT FOR POSSIBLE ILLICIT DISCHARGES
2. TAKE PHOTOGRAPHS OF WHAT YOU OBSERVE
3. REPORT THE SUSPECTED ILLICIT OBSERVATION TO YOUR DESIGNATED HOTLINE AND TO YOUR IMMEDIATE SUPERVISOR.