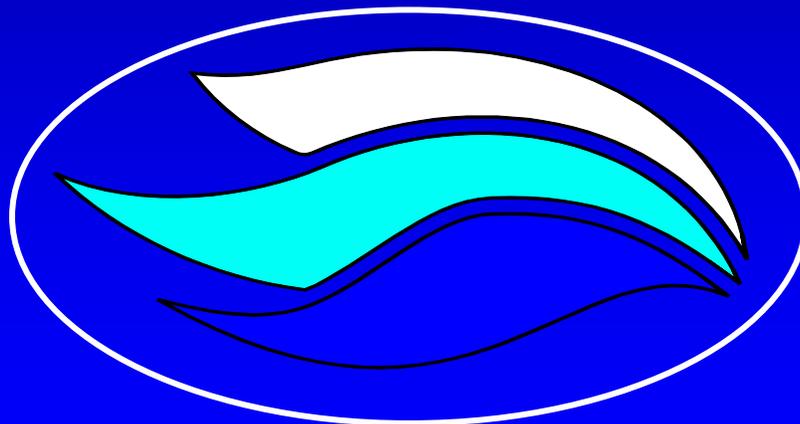


New Municipal NPDES Permit

Presented By

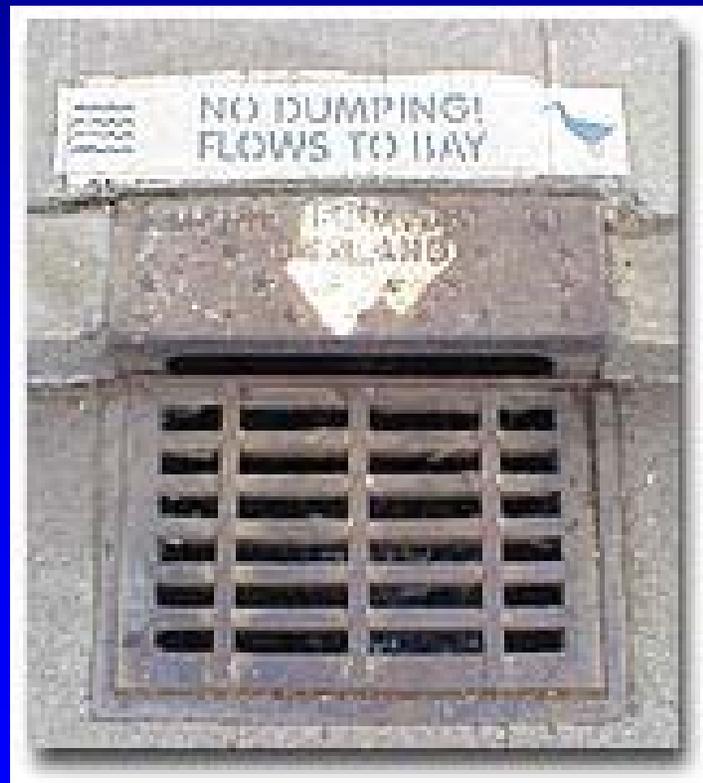
TECS Environmental

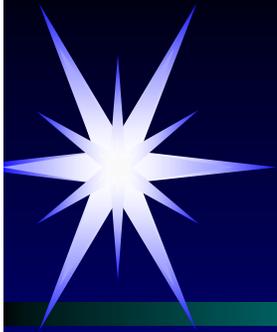




Storm Water Quality Management Programs

Illicit Discharge and Connection Detection and Elimination

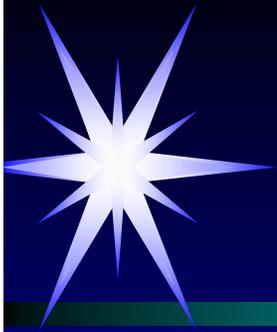




Illicit Discharges/Connections

Illicit Discharge/Connection Detection and Elimination

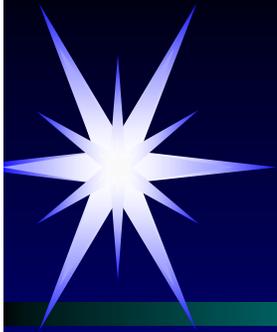
- ◆ Prohibit illicit discharges/connections from any source - residential, commercial, industrial, and public facilities over which the city has control (exception, e.g., school districts)
 - ◆ Illicit Discharges – discharges other than storm water to the MS4 (except exemptions)
 - ◆ Illicit Connections – devices that transport illicit discharges (drains, pipes, etc.)



Illicit Discharges/Connections

Exempted Discharges

- ◆ Natural Spring Water
- ◆ Flows from riparian habitats or wetlands
- ◆ Stream diversions, permitted by the State Board
- ◆ Uncontaminated ground water infiltration
- ◆ Flows from emergency fire fighting activity
- ◆ Flows incidental to urban activities
 - ◆ Reclaimed and potable landscape irrigation runoff
 - ◆ Potable drinking water supply and distribution system



Illicit Discharge Elimination

Exempted Discharges

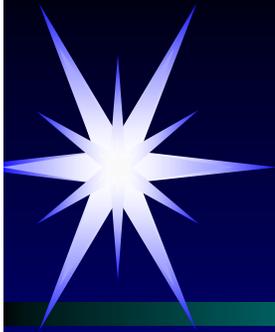
- ◆ Flows incidental to urban activities
 - ◆ Reclaimed and potable landscape irrigation runoff
 - ◆ Potable drinking water supply and distribution system
 - ◆ Drains for foundations, footings, and crawl spaces
 - ◆ Air conditioning condensate
 - ◆ Dechlorinated/debrominated swimming pool discharges
 - ◆ Dewatering of lakes and decorative fountains
 - ◆ Non-commercial car washing by residents or by non-profit organizations
 - ◆ Sidewalk rinsing



Illicit Discharge Elimination

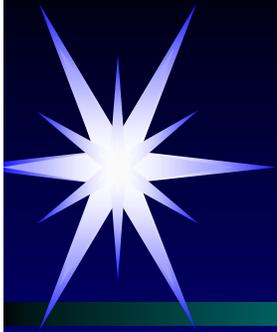
Eliminate Illicit Discharges/Connections

- ◆ Establish legal authority to prohibit illicit connections
- ◆ Encourage public reporting to city/county hotline
- ◆ Set up reporting hotline (should have one now)
- ◆ Encourage public reporting to city/county hotline
- ◆ Establish recording system to document suspect actual illicit connection/discharge



New Municipal NPDES Permit

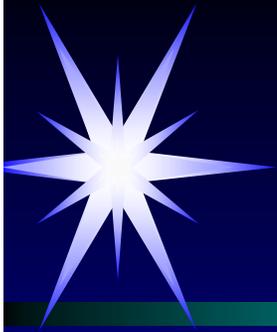
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Illicit Discharge Elimination

Eliminated Illicit Discharges/Connections

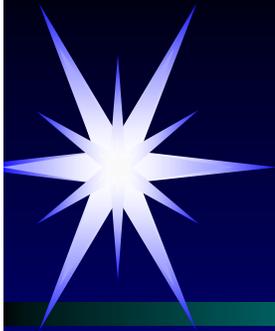
- ◆ Field-screen open channels (**February 3, 2003**)
- ◆ Field-screen underground pipes in priority areas **no later than February 1, 2005**
- ◆ Field-screen all underground pipes with a diameter of 36 or greater (**no later than December 12, 2006**)
- ◆ Plot permitted connections to the storm drain using GIS by **February 3, 2003**



Illicit Discharge Elimination

Eliminate Illicit Discharges/Connections

- ◆ Use plotted data to determine priority areas for investigation
- ◆ Plot illicit connections and discharges on GIS
- ◆ All illicit discharges must be investigated ASAP
- ◆ Must respond to discovery or report of illicit discharge and clean-up discharge within 1 day
- ◆ Illicit connections must be investigated within 21 days of discovery/report

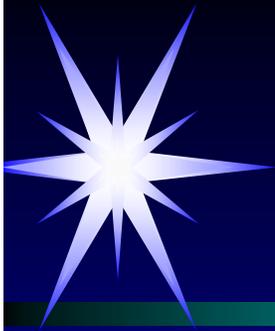


Illicit Discharge Elimination



- ◆ Illicit discharge is any discharge not entirely composed of storm water and not exempt under the permit or a separate NDPES permit (e.g., GIASWP)

Exceptions include tap water (unmixed with pollutants) irrigation and landscape runoff, air condition condensate

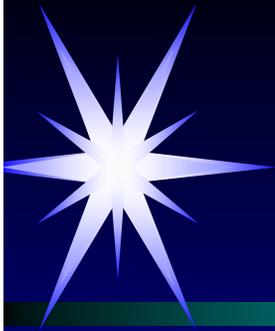


Illicit Discharge Elimination



- ◆ An illicit connection is a device that conveys an illicit discharge to the storm drain system (street, alley, catch basin, gutter, floor control channel)



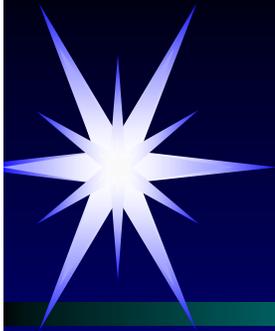


Illicit Discharge Elimination

Public Education



- ▶ Inform facility personnel that washing surfaces, mats and other things outdoors that causes runoff into the street or catch basin...



Illicit Discharge Elimination

Exempted Discharges



- ◆ Pipe is connected to a roof mounted air conditioner

This is not an illicit discharge and, therefore, not an illicit connection



Wrap Up

Questions and Answers

Call me if you have any other questions:

Ray Tahir
TECS Environmental
(626) 396 - 9424