

# Wisconsin SSO Rule What Does this Mean to You

Government Affairs Seminar

February 27<sup>th</sup>, 2014

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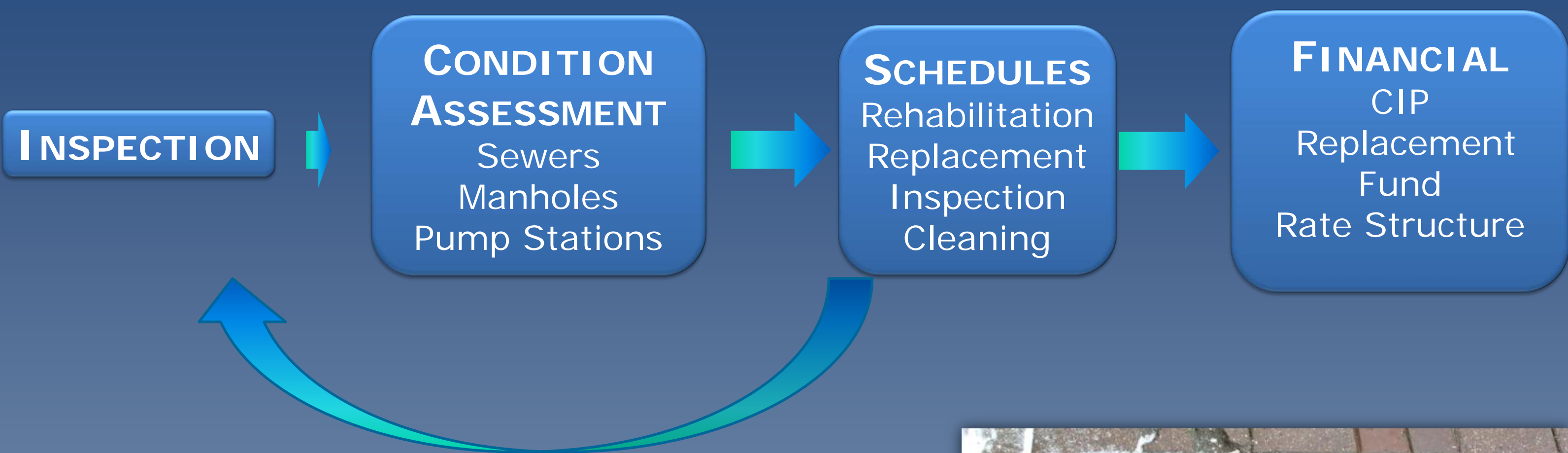
# CMOM

- ◆ Effective means to justify money to be spent on sanitary sewer collection systems
- ◆ Mechanism for budget support
- ◆ Sewer failures cost 10 to 20 times the cost to replace or rehabilitate



The Message is.....

**“PROTECT PUBLIC HEALTH AND WELFARE”**



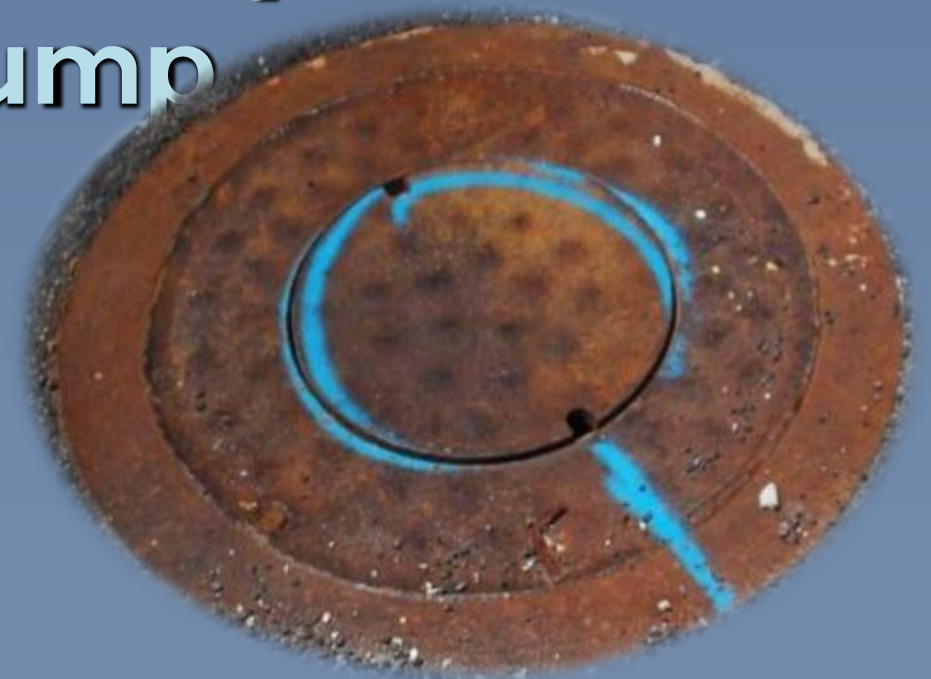
Find it – Fund it – Fix it



Photo by Chris Schlutz/MMSD

# Where to Find the Problem Areas

- ◆ Dry and wet weather manhole inspection to find the source of clear water
- ◆ Sewer inspection (closed circuit television CCTV)
- ◆ Flow monitoring
- ◆ Dye water and smoke testing
- ◆ Review sewer inspections to identify lateral connections and illegal sump pump connections





King County, Washington

# CMOM Implementation – 1<sup>st</sup> Steps

- ◆ Eliminate manhole covers with pickholes
- ◆ Manhole inspections and repairs (can be done by staff)
- ◆ Inspect and clean your sewers to determine baseline conditions – typically 5 to 7 year schedule



Shift from “reactive” to proactive maintenance.. i.e. Inspection & Cleaning

# What Are Other Communities Doing?

## ◆ Milwaukee MSD and satellite communities

- State of Wisconsin Civil Complaint – required stipulations to implement CMOM Plans and conduct manhole inspections every 5 years. Stipulation requires reporting to MMSD CMOM Program requirements

## ◆ Greenwood Metropolitan District (SC)

- CMOM Based fee used to fund collection system projects “YOUR CMOM \$ at WORK Signs”
- \$8/month property fee
- Public Education

## ◆ Phoenix AZ – Valley Wide Fats Oil and Grease Program

# "Hidden" Costs

- ◆ **Fats, Oil & Grease (FOG)**
  - Cleaning for "Frequently visited areas" (restaurants, schools, homeowners)
  - SSOs
- ◆ **Flushables versus non-flushables**
  - Impact on the sewer maintenance
- ◆ **Public Education**
- ◆ **Private Property**
- ◆ **Cross Bores**



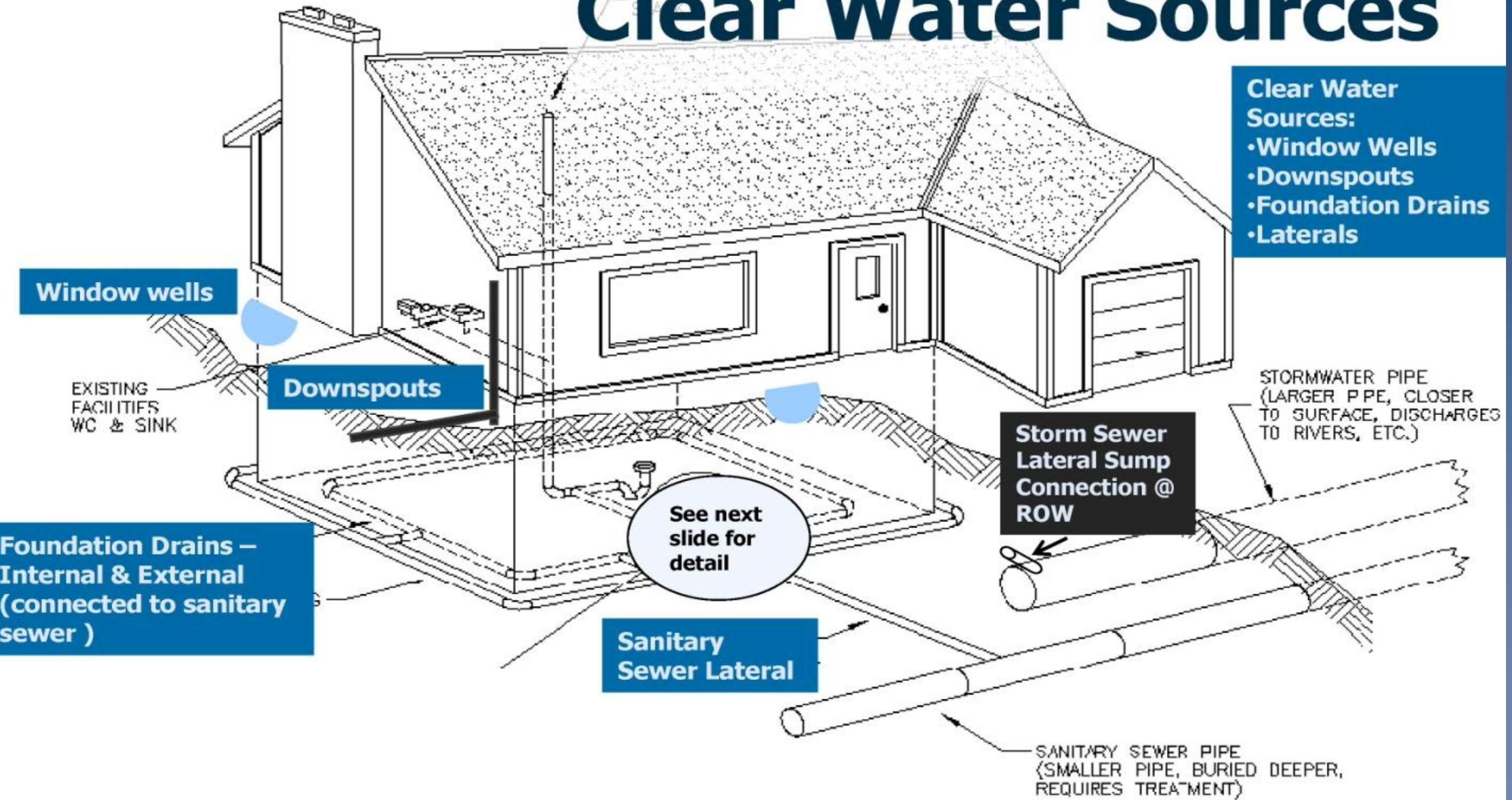
Orange County Sanitation District  
"What 2 Flush" Campaign



Photo provided by (1) Hydromax USA, Florence, Kentucky, Blue Heron Engineering Services, Ltd., Dublin, Ohio

# Clear Water Sources

- Clear Water Sources:**
- Window Wells
  - Downspouts
  - Foundation Drains
  - Laterals



# Private Property

- ◆ **Private property contributes a significant amount of clear water**
  - Disconnect downspouts (< \$50/each)
  - Illegal sump pump connections
  - Disconnect foundation drains (\$2,000 to \$20,000)
- ◆ **What other utilities are doing can be found at [www.wef.org/privateproperty](http://www.wef.org/privateproperty)**
- ◆ **Can spend public money on private property  
“for the good of the public”**

# CMOM Resources

- ◆ **DNR**

- <http://dnr.wi.gov/topic/wastewater/cmom.html>

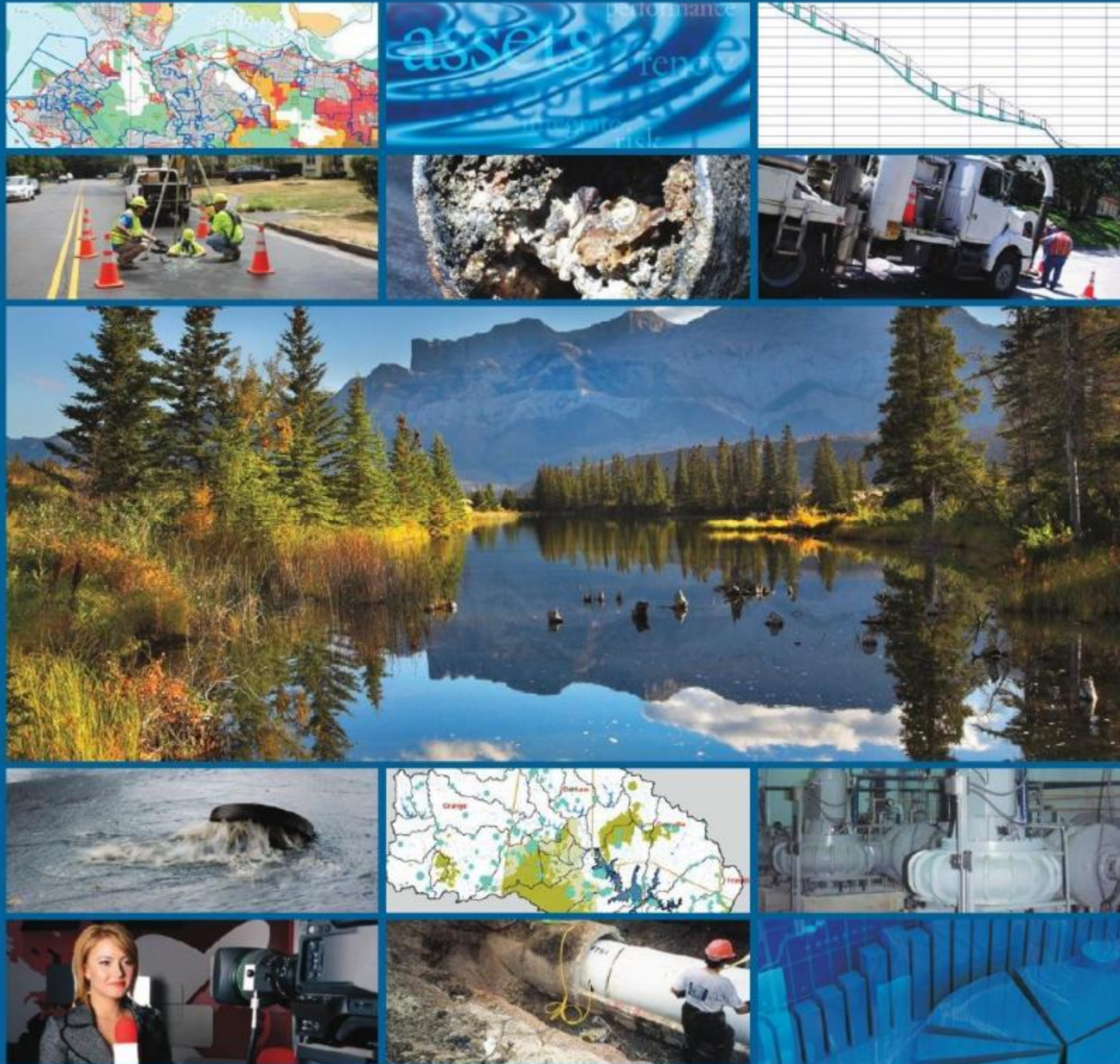
- ◆ **EPA** <http://cfpub.epa.gov/npdes/sso/toolbox.cfm>

- ◆ **Water Environment Federation** [www.wef.org](http://www.wef.org)



# Core Attributes of Effectively Managed Wastewater Collection Systems

July 2010



[www.wef.org/CoreAttributesofWWCS/](http://www.wef.org/CoreAttributesofWWCS/)

July 2010

Developed in partnership by:



# Questions & Answers

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