

SANITARY SEWER OVERFLOWS: REGIONAL CONSENT ORDER

**Presentation to Hampton Roads Planning
District Commission**

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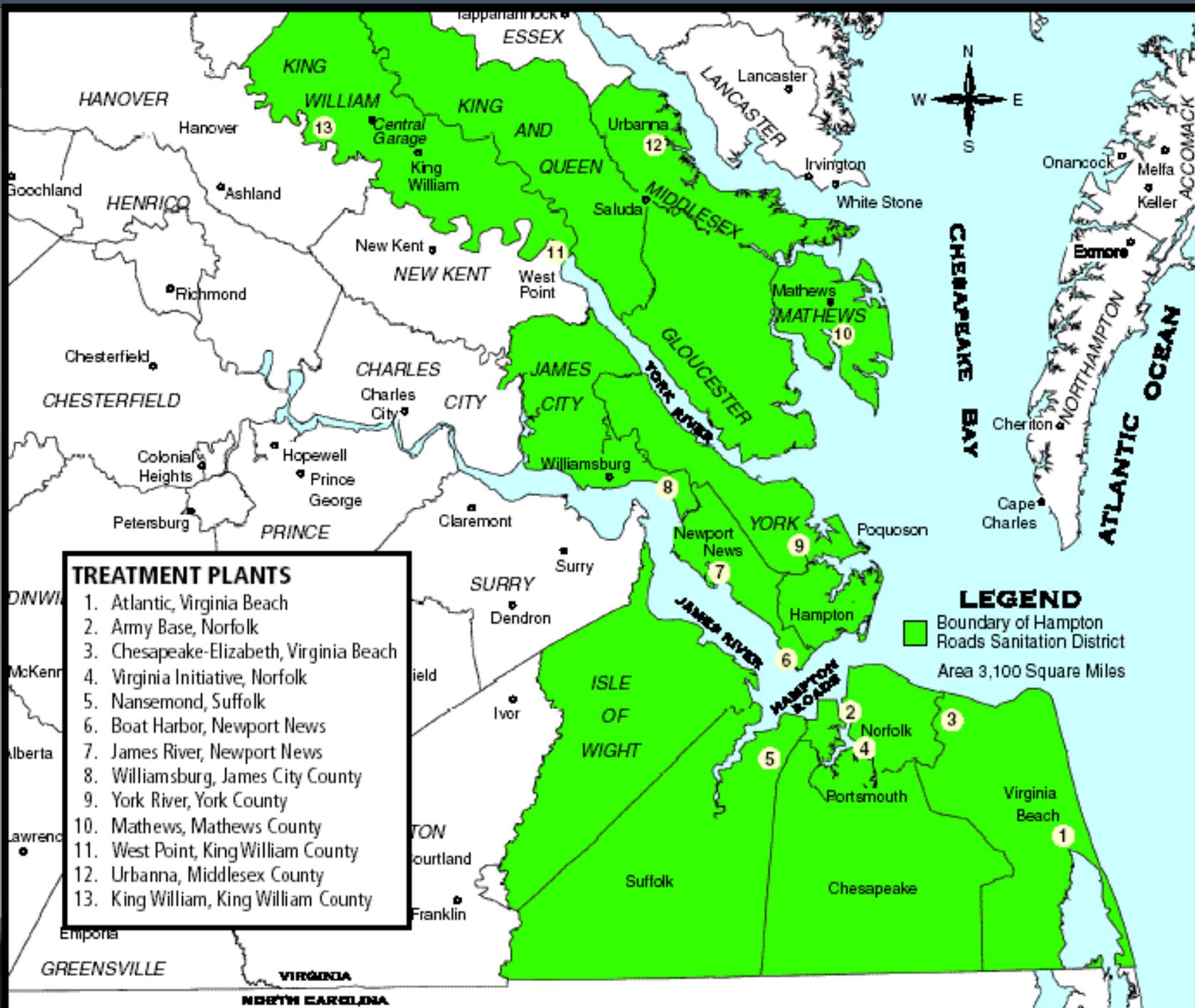
January 17, 2007

WHAT ARE THE DRIVERS?

- Clean Water Act
- State Water Control Law
- EPA National Wet Weather Enforcement Policy

REQUIREMENTS

- Non-permitted discharge of pollutants to either waters of the U.S. or waters of the state is prohibited
- “Minimize sanitary sewer overflows”
- Enter into Consent Orders, which will detail the requirements that must be met
- EPA – HRSD Consent Decree v. DEQ – Region (HRSD & Localities) Consent Order



- TREATMENT PLANTS**
1. Atlantic, Virginia Beach
 2. Army Base, Norfolk
 3. Chesapeake-Elizabeth, Virginia Beach
 4. Virginia Initiative, Norfolk
 5. Nansemond, Suffolk
 6. Boat Harbor, Newport News
 7. James River, Newport News
 8. Williamsburg, James City County
 9. York River, York County
 10. Mathews, Mathews County
 11. West Point, King William County
 12. Urbanna, Middlesex County
 13. King William, King William County

LEGEND
 Boundary of Hampton Roads Sanitation District
 Area 3,100 Square Miles

IMPLICATIONS TO HAMPTON ROADS

- Potential penalties under federal consent decree
- Differences in federal decree v. state order
- Increased capital costs for wastewater systems
- Increased operating and maintenance costs for wastewater systems
- Competition for consultants and contractors may lead to increased costs
- Impacts on wastewater rates

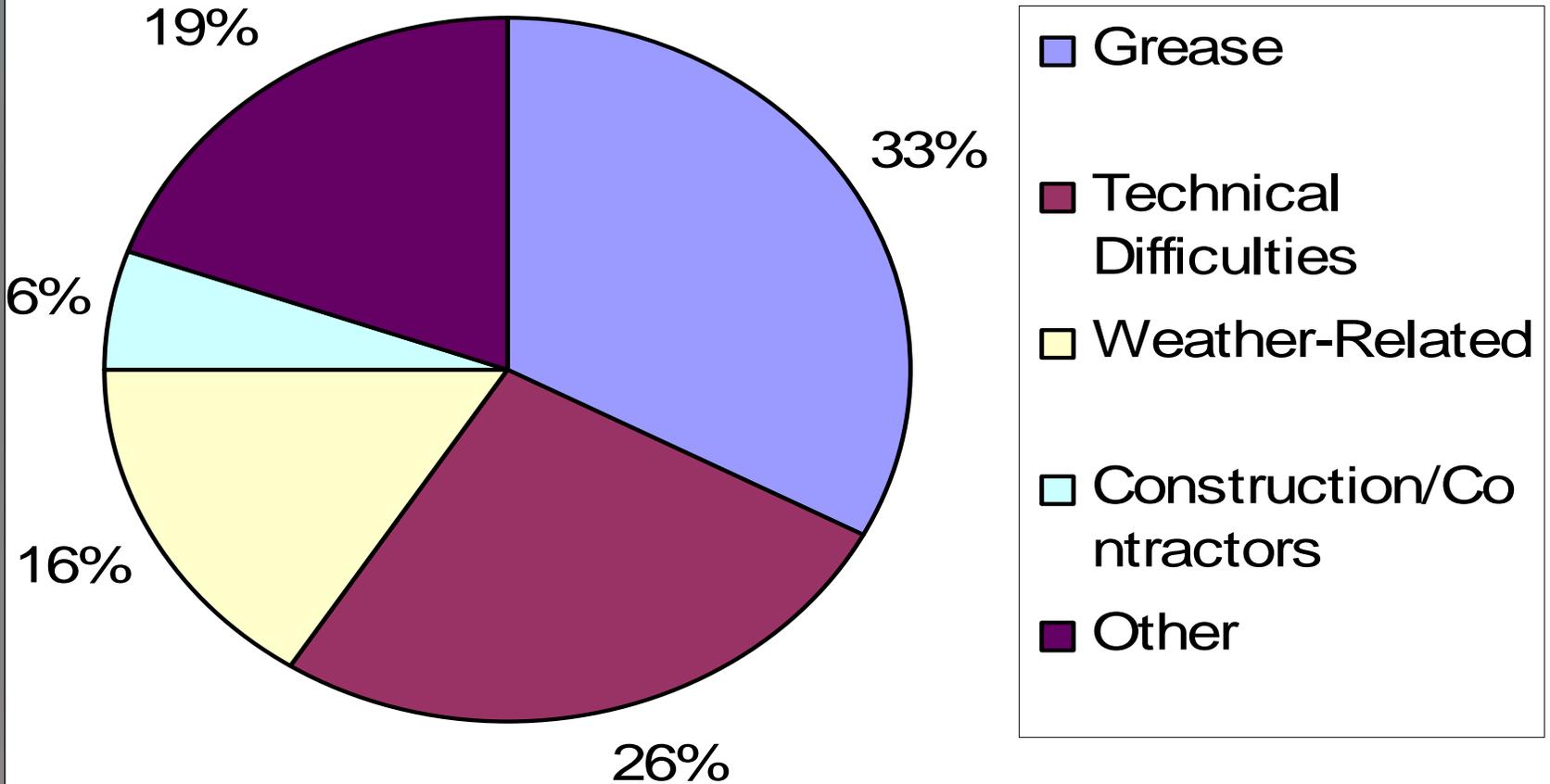
REGIONAL RESPONSE

- HRPDC Regional Wastewater Program
 - Directors of Utilities Committee
 - Capacity Team
- Prior Accomplishments
 - SSO Reporting Protocol and Guidance - 2003
 - Hampton Roads Sanitary Sewer Overflow Reporting System – October 2004
 - HRPDC Endorsement of regional approach to addressing issue – December 2005
 - HR FOG Education Program
 - Safe Harbor Legislation – Endorsed by HRPDC on October 18, 2006

REGIONAL RESPONSE (cont.)

- Ongoing Development of Regional Consent Order
 - State Order v. Federal Decree & State Order
- Ongoing Development of Technical Document for meeting the Order
 - Regional Design Guidelines
 - Technical Standards and Criteria
 - System Evaluation Procedures
 - Monitoring & Modeling Requirements
 - Reporting
- Development of a Memorandum of Agreement

SSOs in Hampton Roads 1/1/05 - 12/1/05



PARTICIPANTS ACTIVITIES AND ROLES

- Hampton Roads Planning District Commission
- Directors of Utilities Committee
- Hampton Roads Sanitation District
- Regional Capacity Team
- Regional Legal Team
- Department of Environmental Quality
- U.S. Environmental Protection Agency, including technical contractor - SAIC

SCHEDULE OF MAJOR ACTIVITIES

- July 2005 – Process Begins
- Directors of Utilities –
 - Monthly (min.) meetings
 - Process Discussions
 - Regional Capacity Team Established
- July 2006 - Consent Order Format
- October 2006 – Regional Capacity Policy
- January 2007 – SSES Criteria

SCHEDULE OF MAJOR ACTIVITIES (Cont.)

- Spring 2007 – Draft Hampton Roads Consent Order (Regional push for February 2007)
- September 2007 – SWCB Approval of Hampton Roads Consent Order
- November 2009 – Annual Report #1
- Flow Monitoring Installation
- December 2012 – Flow Analysis Completed
- December 2012 – SSES Completed
- December 2012 – Regional Wet Weather Management Plan

OTHER MAJOR ACTIVITIES

Dates: Ongoing & To Be Determined

- Develop/Refine Integrated Wastewater System Model
- Revisit Regional Capacity Policy
- Develop Regional Prioritization Process
- “Find and Fix” Solutions
- Enhance SSO Reporting – HRSSORS
- Education & Training
- HR FOG

COMMISSION ACTION

- Continue support of Regional Order with DEQ involving all localities and HRSD
- At appropriate time, in coming months:
 - Support the Regional Consent Order
 - Approve the Memorandum of Agreement