

BOARD OF SUPERVISORS WORK SESSION

GOVERNMENT CENTER BOARD ROOM

JANUARY 27, 2009 - 4 P.M.

A. Call to Order

B. Roll Call

C. Board Discussions

1. James City Service Authority Department of Environmental Quality Special Order By Consent

D. Closed Session

1. Consideration of a Personnel Matter Involving the Six-Month Performance Evaluation of the County Administrator, Pursuant to Section 2.2-3711(A)(1) of the Code of Virginia

E. Break

Department of Environmental Quality

Special Order by Consent

Board of Supervisors

Work Session

January 27, 2009

DEQ Special Order by Consent

- September 26, 2007
- 14 Hampton Roads Utilities
- Hampton Roads Sanitation District (HRSD)

- ❖ Clean Water Act – All Sewer Spills Illegal
- ❖ Cannot operate sewer system that does not have overflows!

JCSA Sewer System

- Customers 18,000
- Million Gallons per Day 5 – 7
- Billion Gallons per Year 2.2
- Miles Sewer Line 450
- Manholes 9,700
- Sewer Pumping Stations 77

Sewer Spills

- No storm related SSOs included
- 16 grease related sewers/83,000 gallons
- 6 contractor damage
- 13 heavy rains

Special Order by Consent Requires

Management, Operations & Maintenance Plan (MOM)

- Consultant evaluation of JCSA operations
- “The quality of the JCSA staff and their desire to do the best job that they can do for the rate payers of JCSA came through loud and clear. JCSA has clearly done its part to help the employees be motivated, trained and fully engaged in their processes.”

MOM Recommendations

1. Informational Program – Board/Public
2. Review knowledge, skills & abilities of team members
3. Develop strategy to attract/maintain qualified maintenance mechanics
4. Implement Fats, Oils & Grease (FOG) program (more later)
5. Address succession management/position redundancy

MOM Recommendations Cont.

6. Annual emergency training exercises (table top)
7. Budget for preventive/reactive and emergency maintenance
8. Reaffirm JCSA's Training Coordinator (George Adams)
9. Consider annual services contract to address 300 work order back log
10. Root Control – annual services contract
11. Easement Clearing

Sewer System Evaluation Survey (SSES) Plan

- Installed flow meter/assess wet weather flows
- Establish basins that need evaluation
 - 55 basins
- \$3 – 4 million to complete

SSES

- Inspect all 55 identified basins
 - Million plus ft sewer line, 7000 manholes
- Perform Find & Fix \$ unknown 1-2 million ??
- Prepare prioritized Rehabilitation Plan
- Complete by November 2011
- Implement Rehabilitation Plan 10 – 20 years
\$\$\$???

JCSA/HRSD

- Flow meter/rainfall gauges
 - JCSA/Done, HRSD in progress
- Develop Integrated Regional System Model
 - Sewer flow hydrographs
 - Pump Station and Force Main Data
 - Completed by December 2011
- Wet Weather Management Plan,
November 2013

What Next?

- Fats, Oils & Grease (FOG) Ordinance
 - Educate Public
 - Memorandum of Agreement with HRSD –
establishing protocol
 - Regulate food service establishments to
insure proper disposal of grease