



City of Sacramento City Council

915 I Street, Sacramento, CA, 95814
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Meeting Date: 10/11/2011

Report Type: Staff/Discussion

Title: Wastewater Workshop (Continued from 9-27-11)

Report ID: 2011-00684

Location: Citywide

Recommendation: Informational workshop on the City's two wastewater systems presented for Council information, discussion and direction.

Contact: Bill Busath, Interim Engineering Manager, 808-1434 - Department of Utilities

Presenter: Bill Busath, Interim Engineering Manager, (916) 808-1434, Department of Utilities

Department: Department Of Utilities

Division: Department Administration

Dept ID: 14001011

Attachments:

- 1-Description/Analysis
- 2-Background

City Attorney Review

Approved as to Form
Joe Robinson
9/21/2011 4:36:56 PM

City Treasurer Review

Reviewed for Impact on Cash and Debt
Russell Fehr
9/16/2011 4:23:34 PM

Approvals/Acknowledgements

Department Director or Designee: Dave Brent - 9/21/2011 11:51:56 AM



Description/Analysis

Issue: Following upon the March 2011, City Council Drinking Water Workshop, staff is presenting this informational workshop to provide City Council with an overview of the City's two wastewater systems and discuss the key challenges and drivers that affect the operation, maintenance, and rehabilitation of the City's wastewater infrastructure.

Policy Considerations: This workshop is informational only but it is anticipated that several policy issues will be discussed and that further policy direction and/or discussions may stem from this workshop.

Environmental Considerations: None

Sustainability: None

Commission/Committee Action: None

Rationale for Recommendation: Not Applicable

Financial Considerations: None

Emerging Small Business Development (ESBD): Not Applicable



Background

Following upon the March, 2011, City Council workshop on the City's drinking water treatment and delivery infrastructure, the Department of Utilities is presenting this workshop on the City's wastewater conveyance and treatment systems. The purpose of this workshop is to provide City Council with an overview of the City's wastewater infrastructure and its importance to environmental protection and economic sustainability. The workshop will include discussion of key issues and drivers that impact the short and long term operation of the wastewater systems. In particular, this workshop will emphasize the regulatory mandates that impact the system operations, maintenance, rehabilitation and improvement.

The outline for the staff presentation is below:

1. System at a glance
 - a. Combined and separated systems
 - i. Discuss areas covered by different systems
 1. Separated System – wastewater only
 2. Combined Sewer System (wastewater and drainage)
 - ii. How the systems work
 - b. Conveyance System
 - i. Miles of pipe
 - ii. Condition of Pipes
 - c. Capacity of System
 - i. Value of Systems
2. Challenges
 - a. Roots
 - b. Age
 - c. Pipe failure
 - d. Litigation
 - e. Regulatory Mandates
3. Regulatory burden
 - a. State Sanitary Sewer Overflow Waste Discharge requirement (SSO WDR)
 - b. Combined system National Pollution Discharge Elimination System (NPDES) Permit
4. Infrastructure investment
 - a. Capital Improvement Spending Trends
5. Value of system
 - a. Local Economic Vitality
 - b. Local Job Creation
 - i. Provides jobs, direct and indirect economic benefit
6. Consequences of inaction

- a. State and/or Federal action
- b. What's Happening Around the Country