

**DISTRICT OF COLUMBIA
WATER AND SEWER AUTHORITY**

BOARD OF DIRECTORS

*WATER QUALITY AND WATER SERVICES
COMMITTEE MEETING AGENDA*

**Thursday, April 21, 2011
11:30 a.m.**

**5000 Overlook Avenue, SW
Washington, DC 20032**

- | | |
|---|------------------------------------|
| 11:30 a.m. I. Call to Order | Joseph Cotruvo
Vice Chairperson |
| 11:35 a.m. II. Water Quality Monitoring | Charles Kiely |
| 1. Coliform Testing | |
| 2. LCR Compliance Testing | |
| 11:40 a.m. III. Fire Hydrant Upgrade Program | Charles Kiely |
| 1. Presentation | David Wall |
| 11:55 a.m. IV. Customer Service Update | Lauren Preston |
| 1. Collections Update | Lauren Preston |
| 2. Water Quality Update; Discolored Water Complaint | Charles Kiely |
| 12:05 p.m. V. Water Quality Complaints | Rich Giani |
| History, Prevalence, Response Procedure | |
| 12:20 p.m. VI. Vulnerability Assessment | Steve Caldwell |
| 12:40 p.m. VII. Action Items | Charles Kiely |
| 1. Contract No. WAS-10-038-AA-CE, Wachs Valve & Hydrant Services | |
| 2. Contract No. DCFA #442, EA Engineering, Science & Technology, Inc. | |

- 12:45 p.m. VIII. Emerging Issues / Other Business** Rich Giani
Update: Scientific Advisory Board,
Lead Service Line Replacement
- 12:50 p.m. IX. Main Breaks Frequency: Philadelphia Story** Charles Kiely
- 12:55 p.m. X. Agenda for Next Month's Meeting** Joseph Cotruvo
- 1:00 p.m. XI. Adjourn**

Follow Up Items

Provide briefing update on SPLASH program (requested at January 20, 2011.) (Scheduled for March 17, 2011) - Completed.

Provide the presentation made to the HR and Labor Relations Committee about the operations vulnerability and safety at DC Water facilities – suggested as appropriate for a presentation to a joint meeting the Environmental Quality and Sewerage Services Committee(Requested at November 18, 2010 meeting.)

Discussion on how to deal with “forced” partial lead service line replacements (i.e. partial LSLRs that result incidental to water main renewal construction activities) (Requested at November 18, 2010 meeting.) –schedule for May meeting.

Provide update on the bill comparison across jurisdictions (requested following February 17, 2011 meeting) (scheduled for March 23, 2011 Retail Rates Committee). - Completed

Status Report of Public Fire Hydrants for DC Water Services Committee – April 1, 2011

	January Cmte. Report (Jan. 05, 2011)	February Cmte. Report (Feb. 01, 2011)	March Cmte. Report (Mar. 01, 2011)	April Cmte. Report (Apr. 01, 2011)
Public Fire Hydrants:	9,137	9,147	9,143	9,153
In Service:	8,989	9,009	9,032	9,057
Marked Out-of-Service (OOS):	148	138	111	96
OOS - defective requiring repair / replacement	88	74	49	21
% OOS requiring repair or replacement (DC Water goal is 1% or less OOS)	0.96%	0.81%	0.54%	0.23%
OOS - due to inaccessibility or temp construction work	60	64	62	75

Note: The number of public hydrants in the DC Water system fluctuates; this number fluctuates as hydrants are added and removed during development or construction activities as well as at the request of the Fire Dept.

Breakdown of Public Fire Hydrants Out-of-Service (OOS) (as of April 1, 2011) 96

Breakdown of Defective

	0-7 Days	8-14 Days	15-30 Days	31-60 Days	61-90 Days	91-120 Days	> 120 Days	Total
Hydrant Needs Repair/Investigation	0	0	0	0	0	0	0	0
Needs Valve Investigation for Low Flow/Pressure or Shut Test	3	1	2	0	1	0	1	8
Needs Replacement	0	1	2	3	1	1	5	13

Defective 21

Breakdown of Others

	0-7 Days	8-14 Days	15-30 Days	31-60 Days	61-90 Days	91-120 Days	> 120 Days	Total
Temporarily OOS as part of operations such as a main repair	1	2	0	1	1	1	0	6
New Construction*	7	0	1	2	15	6	24	55
Obstructed Hydrant – OOS hydrant due to operation impeded by an obstruction.	0	0	1	2	0	1	10	14

Others 75

*New Construction - Either a new hydrant which hasn't been commissioned or an existing hydrant which will be abandoned as part of an ongoing construction project.

Status of Private Fire Hydrants-Based on FEMS Inspection Reporting

Private Hydrants:	1,423
• In Service:	1,269
• Out-of-Service(OOS):	154

Map of Public Out-of-Service Hydrants

April 1, 2011

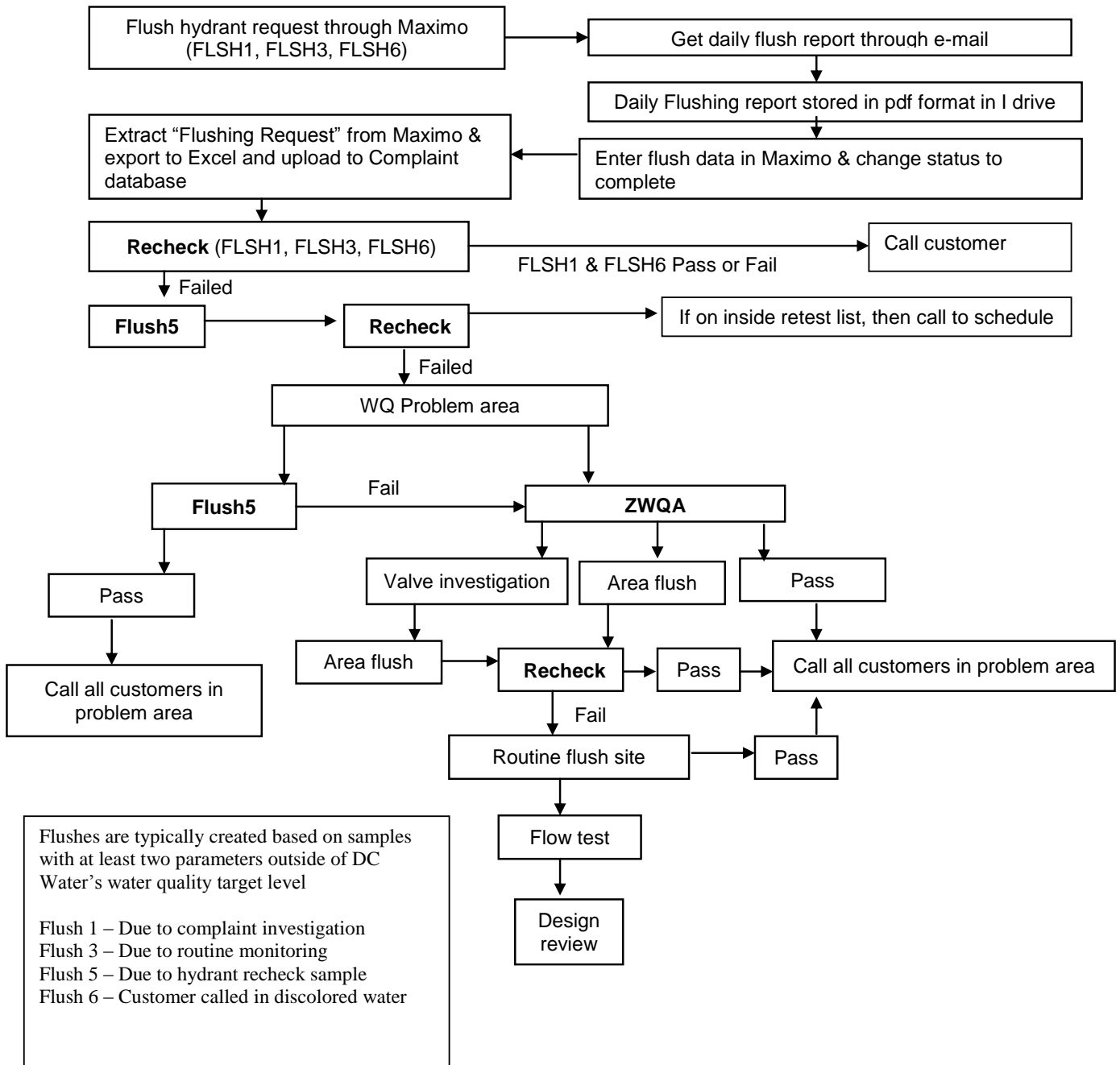


Legend

OOS Hydrants

- Defective
- * New Construction
- ⬠ Obstructed
- Temporary

Appendix II Process Scheme for Hydrant Recheck



**DC WATER AND SEWER AUTHORITY
BOARD OF DIRECTORS CONTRACTOR FACT SHEET**

ACTION REQUESTED

GOODS AND SERVICES OPTION YEAR:

**Water Distribution System Valve Operations
(Non- Joint Use)**

Approval to execute Option Year one (1) of Two (2) Option Years in the amount of 2,685,340 for the Water Distribution System Valve Operations.

CONTRACTOR/SUB/VENDOR INFORMATION

PRIME: Wachs Valve and Hydrant Services, 801 Ashbury Drive Buffalo Grove, IL 60089	SUBS: Not Applicable	PARTICIPATION: Not Applicable
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DESCRIPTION AND PURPOSE

Original Contract Value:	\$3,578,700.00
Original Contract Dates:	July 27, 2010 – July 26, 2011
No. of Option Years in Contract:	2
First Option Year Value:	\$2,685,340.00
First Option Year Dates:	July 27, 2011 – July 26, 2012

Purpose of the Contract:

- The purpose of this contract is to operate and maintain water valves in accordance with DC Water's shutdown of water mains and fire hydrants upgrade program.

Contract Scope:

- To provide the manpower and equipment necessary to identify and operate valves and fire hydrants to include water shut offs, fire hydrant flow testing, valve exercising and assisting in low pressure investigations. This is in support of the Capital Improvement Program.

Price Modifications:

- None

Spending Previous Years:

- Cumulative Contract Value: (07/21/2010 to 07/20/2011) \$3,578,700.00
- Cumulative Contract Spending: (07/21/2010 to 02/28/2011) \$1,389,699.89
- Projected Contract Spending: (03/01/2011 to 07/21/2011) \$1,100,300.11

Contractor's Past Performance:

- Contractor's past performance has been satisfactory

Note: This procurement was competitively bid and the resultant contract was awarded on July 21, 2010 to Wachs Valve & Hydrant Services in the amount of \$3,578,700.00. The Base Year period of the contract expires on July 20, 2011 and the new contract pricing for Option Year One (1) will be \$2,685,340.00, which is approximately \$900,000 less than the base period. The Department of Water Services will be decreasing the number of daily crews from 15 to 11 crews. Flushing operations will be performed in house (2 crews) plus 2 valve operation crews will be hired in house reducing two (2) additional contractor crews for valve operations

Wachs Valve and Hydrant Services was approached to lower their current daily offer crew rate. However, Wachs stated that their original proposal pricing, was the lowest that they could go. In their original proposal, they maintained the same daily crew rate of \$859.00/hour for the base and both option years.

Although this was a competitive negotiated contract, the firms that submitted a proposal were contacted as well to determine their current price. They stood firm with the pricing that was originally submitted.

According to the Bureau of Labor Statistics, there was approximately a 4.9% increase in the salaries and wages of workers in the "water, sewage and other categories." Thus, Procurement recommends exercising option year one (1) of the contract.

PROCUREMENT INFORMATION

Contract Type:	Firm Fixed Daily Rate	Award Based On:	Highest ranked responsible proposer
Commodity:	Services	Contract Number:	WAS-10-038-AA-CE
Contractor Market:	Open Market		


BUDGET INFORMATION

Funding:	Capital	Department:	Water Services	
Service Area:	Water Service Area	Department Head:	Chuck Sweeney	
Project:	BE49010 and CC49010			

USER SHARE INFORMATION

User	Share %	Dollar Amount
District of Columbia	100%	\$ 2,685,340.00
Washington Suburban Sanitary Commission	0%	\$.00
Fairfax County	0%	\$.00
Loudoun County	0%	\$ 00
Others	0%	\$.00
Total Estimated Dollar Amount	100.00%	\$ 2,685,340.00

 4/13/11
 Yvette Downs Date
 Director of Finance & Budget

 4/13/11
 Rosalind R. Inge Date
 Director of Procurement

 4/13/11
 Charles W. Kiely Date
 Assistant General Manager
 Consumer Services

_____/_____
 George S. Hawkins Date
 General Manager

**DC WATER AND SEWER AUTHORITY
BOARD OF DIRECTORS CONTRACTOR FACT SHEET**

ACTION REQUESTED

ENGINEERING SERVICES

**ANACOSTIA COMBINED SEWER OVERFLOW (CSO) PROJECTS:
DIVISIONS C AND E
(Non-Joint Use)**

Approval to execute an architectural and engineering services contract for \$6,790,000.00.

CONTRACTOR/SUB/VENDOR INFORMATION

PRIME:	SUBS:	PARTICIPATION:
EA Engineering, Science, and Technology, Inc. Candler Building 111 Market Place, Suite 1020 Baltimore, MD 21202	EPC Consultants, Inc. San Francisco, CA. MBE	21.18%
	HAKS Engineering & Land Surveyors PC Silver Spring, MD MBE	6.82%
	The Robert Balter Company Owings Mills, MD WBE	1.20%
	Shara Communications, Inc. Baltimore, MD WBE	2.81%
	Black & Veatch Gaithersburg, MD	4.78%

DESCRIPTION AND PURPOSE

Contract Value, Not-To-Exceed: \$6,790,000.00
 Contract Time: 1,217 Days (3 Years, 4 Months)
 Anticipated Contract Start Date: 06-01-2011
 Anticipated Contract Completion Date: 09-30-2014
 Number of firms submitting proposals: 6
 Number of firms short-listed: 3

Purpose of the Contract:

Provide onsite construction management of Anacostia DC Clean Rivers Project's construction contracts. Division C – CSO 019 Overflow & Diversion Structures and Division E – M Street Diversion Sewers (CSOs 015, 016 and 017)

This Project is required by a consent decree.

Contract Scope:

- Provide construction management services.
- Work in cooperation and consultation with DC Water and the DC Clean Rivers Project Program Consultants to effectively manage the construction work required to provide completed Division C and Division E facilities
- Provide field inspection services for the oversight of the construction work.

PROCUREMENT INFORMATION

Contract Type:	Cost Plus Fixed Fee	Award Based On:	Highest Ranking Score
Commodity:	Professional Services	Contract Number:	DCFA-442
Contractor Market:	Open Market		

BUDGET INFORMATION


Funding:	Capital	Department:	DC Clean Rivers Project
Service Area:	Combined Sewer Overflow	Department Head:	Carlton Ray
Project:	CY		

ESTIMATED USER SHARE INFORMATION

User	*Share %	Dollar Amount
District of Columbia	50.00%	\$3,395,000.00
Federal Appropriation for CSO*	50.00%	\$3,395,000.00
Total Estimated Dollar Amount	100.00%	\$6,790,000.00

* Subject to future Federal appropriations. If future Congressional appropriation is not received, DC share will increase.

Although costs for the deep tunnel system are shared among all users, the near surface sewers that are the subject of this contract convey only District flow, and costs are therefore District only.


 Yvette Downs
 Director of Finance & Budget
 Date: 4/1/11


 Rosalind R. Inge
 Director of Procurement
 Date: 4/1/2011


 Leonard R. Benson
 Chief Engineer
 Date: 4-1-11

 George S. Hawkins
 General Manager
 Date