



**Customer DISTRICT OF COLUMBIA
WATER AND SEWER AUTHORITY
BOARD OF DIRECTORS
WATER QUALITY AND WATER SERVICES
COMMITTEE MEETING AGENDA**

Thursday, December 17, 2015

11:00 a.m.

5000 Overlook Avenue, SW

Washington, DC 20032

11:00 a.m. I. Call to Order

Rachna Butani
Chairperson

11:05 a.m. II. Water Quality Monitoring

Charles Kiely

**Coliform Testing
LCR Compliance Testing**

11:15 a.m. III. Fire Hydrant Upgrade Program

David Wall

**Status Report of Public Fire Hydrants
Out of Service Fire Hydrant Map**

11:30 a.m. IV. Emergency Management- Multi Agency Functional Exercise

Charles Kiely

11:50 a.m. V. Non-Joint Use

1. Contract IFB No. 130040, Fort Myer Construction Corporation

12:15 p.m. VI. Executive Session*

Adjournment

*The DC Water Board of Directors may go into executive session at this meeting pursuant to the District of Columbia Open Meetings Act of 2010, if such action is approved by a majority vote of the Board members who constitute a quorum to discuss: matters prohibited from public disclosure pursuant to a court order or law under D.C. Official Code § 2-575(b)(1); contract negotiations under D.C. Official Code § 2-575(b)(1); legal, confidential or privileged matters under D.C. Official Code § 2-575(b)(4); collective bargaining negotiations under D.C. Official Code § 2-575(b)(5); facility security under D.C. Official Code § 2-575(b)(8); disciplinary matters under D.C. Official Code § 2-575(b)(9); personnel matters under D.C. Official Code § 2-575(b)(10); proprietary matters under D.C. Official Code § 2-575(b)(11); decision in an adjudication action under D.C. Official Code § 2-575(b)(13); civil or criminal matters where disclosure to the public may harm the investigation under D.C. Official Code § 2-575(b)(14), and other matters provided in the Act.

Status Report of Public Fire Hydrants for DC Water Services Committee - December 10, 2015

	September Cmte. Report (Sep 02, 2015)	October Cmte. Report (Oct 08, 2015)	November Cmte. Report (Nov 03, 2015)	December Cmte. Report (Dec 10, 2015)
Public Fire Hydrants:	9,452	9,451	9,453	9,460
In Service:	9,367	9,392	9,395	9,400
Marked Out-of-Service (OOS)	85	59	58	60
OOS - defective requiring repair/replacement	56	42	43	43
% OOS requiring repair or replacement (DC Water goal is 1% or less OOS)	0.59%	0.44%	0.45%	0.45%
OOS - due to inaccessibility or temp construction work	29	17	15	17

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 December 10, 2015 60

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	6	1	1	3	1	3	5	20
Needs Valve Investigation for Low Flow/Pressure or Shut Test for Replacement	0	0	0	0	1	0	1	2
Needs Replacement	0	1	2	1	2	1	14	21

Defective 43 ←

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	0	0	1	0	0	0	1	2
Construction* - OOS	3	1	1	0	0	1	3	9
Obstructed Hydrant – OOS hydrant due to operation impeded by an obstruction.	0	0	0	0	1	0	5	6

Others 17 ←

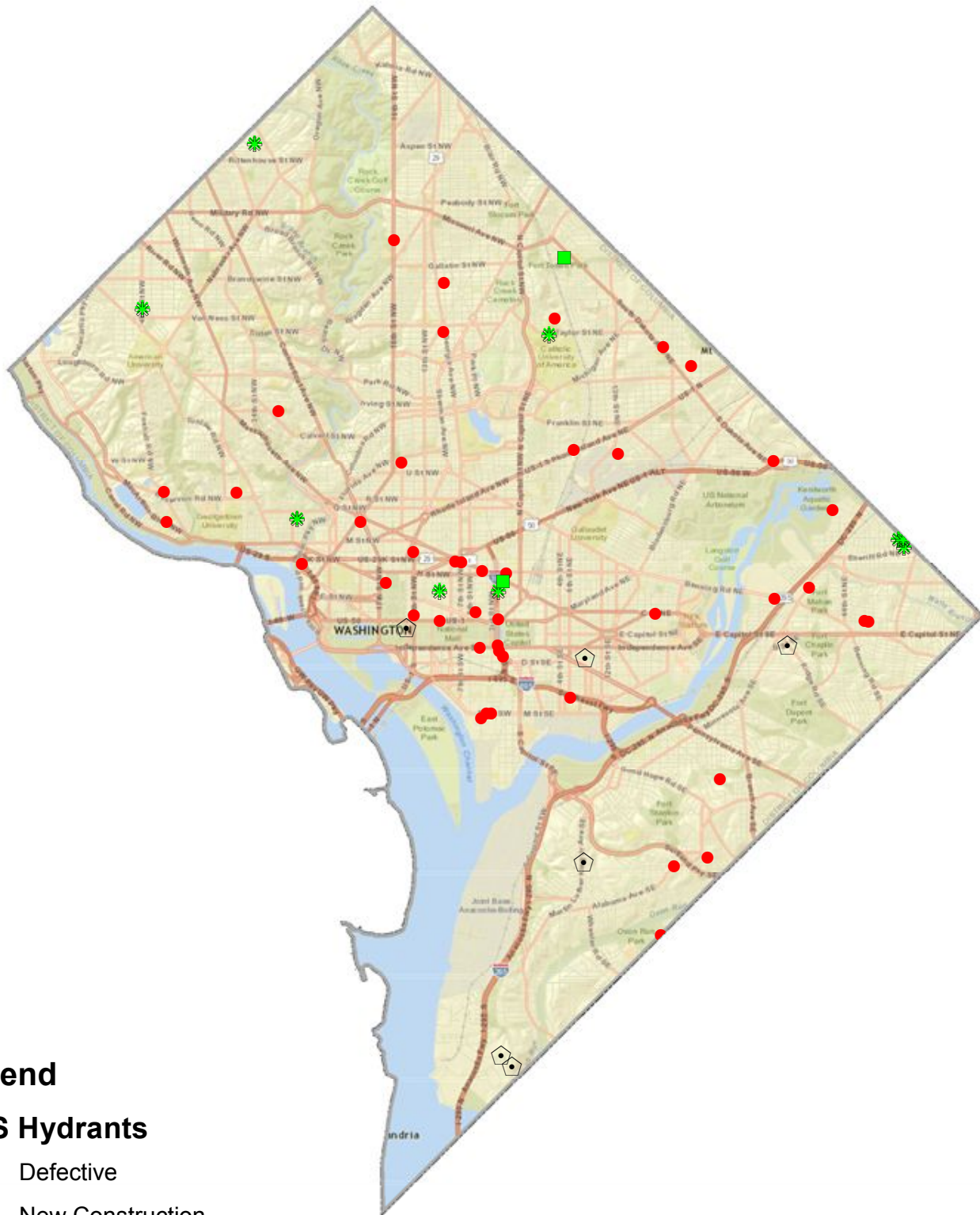
*Fire hydrants not accessible due to construction activities. Also includes new hydrants which have not yet been commissioned or old hydrants which will be abandoned as part of ongoing construction projects.

Status of Private Fire Hydrants-Based on FEMS Inspection Reporting

Private Hydrants:	1,318
• In Service:	1,189
• Out-of-Service (OOS):	129

Map of Public Out-of-Service Hydrants

Dec. 3, 2015



Legend

OOS Hydrants

- Defective
- ✱ New Construction
- ⬠ Obstructed
- Temporary



District of Columbia Water and Sewer Authority
George S. Hawkins, General Manager

DC Water Multiagency Functional Exercise



December 16-18, 2015

Office of Emergency Management
December 16, 2015

DCWATER.COM

Introduction

On December 16 -18, DC Water will be conducting it's first multi-agency functional exercise focusing on drinking water contamination. The emergency operations center will be headquartered at Bryant Street and the contamination event will take place in northwest DC.



Participants

- DC Water: Incident Management Team (IMT) including Office of External Affairs, Office of Emergency Management, Safety, Water Services, DETS, Blue Plains, and Security.
- Stakeholders: EPA Region III Lab and Field Services, Washington Aqueduct, Civil Support Team, DC FEMS HazMat Team, Department of Forensic Sciences, Fairfax County, WSSC, and Prince William County.
- Evaluators: Homeland Security and Emergency Management Agency (HSEMA), Horsley Witten and Arcadis.
- Observers: HSEMA, Department of Energy and the Environment (DOEE), Civil Support Team, Fire and Emergency Medical Services (FEMS), Council of Governments, and EPA HQ.

Objectives and Goals

- Execute the sampling plan based on an Incident Action Plan (IAP) developed by DC Water's Incident Management Team for a drinking water emergency.
- Coordinate with area laboratories to expand testing capabilities during a drinking water emergency affecting DC Water.
- Coordinate with EPA Region 3 to determine the safety of the drinking water based on laboratory results from an unknown and/or non-regulated contaminant.
- Develop a communications plan that can be used to notify/explain the preparedness exercise to the media and customers in the sampling area.
- Explore the in-house hydraulic modeling capability relative to the development of a sampling plan.

Timeline of events

December 16, 2015 - Spiked samples taken to designated labs by DC Water staff

IMT Drill – December 16, 2015 (Bryant Street)

- Check-in 8:00 a.m. – 8:30 a.m. (IMT only)
- IMT Drill 8:30 a.m. – 12:00 p.m. (IMT only)
- Operational Period Brief 1:00 p.m. – 2:00 p.m. (All participants)
- Review of Sampling 2:00 p.m. – ~4:00 p.m. (Operations Sec. & Sampling Teams)

Multiagency Functional Exercise – December 17, 2015 (Ft. Reno & Bryant Street)

- Check-in 8:00 a.m. – 8:30 a.m.
(Water Sampling Teams at Fort Reno)
- Functional Exercise 8:30 a.m. – 4:00 p.m.
(Water Sampling Teams at Fort Reno and in NW area of District)
- Exercise time-jump 12:00 – 3:00 p.m. (IMT at Bryant St.)

After Action Conference – December 18, 2015 (Bryant Street)

- Check-in 8:00 a.m. – 8:30 a.m. (All participants)
- After Action Conference 8:30 a.m. – 12:00 p.m. (All participants)



Q & A

*For more information please contact:
Dusti Lowndes Emergency Planning Manager, Office of Emergency Management
Dusti.Lowndes@dcwater.com*

**DISTRICT OF COLUMBIA WATER AND SEWER AUTHORITY
BOARD OF DIRECTORS CONTRACTOR FACT SHEET**

ACTION REQUESTED

CONSTRUCTION CONTRACT CHANGE ORDER:

**Water Main Infrastructure Repair and Replacement Contract for FY14 - FY16
(Non-Joint Use)**

Approval to execute Change Order No. 01 not to exceed \$5,000,000.00. The modification will exceed the General Manager's approval authority.

CONTRACTOR/SUB/VENDOR INFORMATION

PRIME:	SUBS:	PARTICIPATION:
Fort Myer Construction Corporation 2237 33 rd Street, NE Washington, DC 20018 (LBE)		

DESCRIPTION AND PURPOSE

Original Contract Value:	\$ 15,778,427.50
Value of this Change Order:	\$ 5,000,000.00 (Not to Exceed)
Cumulative CO Value, including this CO:	\$ 5,000,000.00
Current Contract Value, including this CO:	\$ 20,778,427.50
Contract Time:	1095 Days (3 Years, 0 Months)
Time Extension, this CO:	0 Days
Total CO Contract Time Extension:	0 Days
Contract Start Date (NTP):	10-01-2013
Contract Completion Date:	09-30-2016
Cumulative CO % of Original Contract:	31.7%
Contract Completion %:	86%

Purpose of the Contract:

To perform emergency and non-emergency water main repair and replacement work

Contract Scope:

- Emergency repair of water distribution assets.
- Scheduled repair/replacement of water mains, valves, service lines and hydrants
- Special projects such as cleaning and lining of water mains

Previous Changer Order Scope:

- N/A

Current Change Order Scope:

- This contract was used to undertake some urgent special projects that required immediate action including large valve installations; lead service line replacements on 1300 block of Wallach PI, NW; and installation of bypass piping on 2500 block of Highwood PI, NE. Additionally a large project involving cleaning and lining of water mains at the American University Park was completed. These projects were larger and more complex than the average, routine emergency repairs and as a result have greatly impacted the contract threshold. In just two years from the start of a three-year-term contract, 86% of the contract limit has already been exhausted. The purpose of this change order is to increase the contract cost value to offset the costs associated with these special projects

Federal Grant Status:

- Construction Contract is not eligible for Federal grant funding assistance.

PROCUREMENT INFORMATION


Contract Type:	Unit Price	Award Based On:	Lowest responsive, responsible bidder
Commodity:	Construction	Contract Number:	130040
Contractor Market:	Open Market with Preference		


BUDGET INFORMATION

Funding:	Capital	Department:	Water Services
Service Area:	Water	Department Head:	Jason Hughes
Project:	DY		

ESTIMATED USER SHARE INFORMATION

User	Share %	Dollar Amount
District of Columbia	100.00%	\$ 5,000,000.00
Federal Funds	0.00%	\$ 0.00
Washington Suburban Sanitary Commission	0.00%	\$ 0.00
Fairfax County	0.00%	\$ 0.00
Loudoun County & Potomac Interceptor	0.00%	\$ 0.00
Total Estimated Dollar Amount	100.00%	\$ 5,000,000.00


 Gail Alexander-Reeves
 Director of Budget
 Date 12/10/15


 Dan Bae
 Director of Procurement
 Date 12/9/15


 Charles Kiely
 Assistant General Manager,
 Customer Care & Operations
 Date 12/2/15

 George S. Hawkins
 General Manager
 Date