

# Water System Planning Committee



## MINUTES

Meeting Date  
March 9, 2017

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I. Call to order            9:24 a.m.

II. Roll call

Kirby Smith - James Clancy - Chris Hanson

Bill Neal - Gilbert Gonzalez - April Garcia - Laura Frazier -  
Mark Scott

III. Water Main Breaks Report:

Bill Neal reported on the seven main breaks between February 25 and February 27. The main breaks were located on I Street and K Place. The main breaks were due to asbestos cement pipe bursting along longitudinal cracks. The most likely cause of the series of main breaks was beam stress on the pipe due to excessive rain in February<sup>1</sup>. The corroded condition of the water mains was also a contributing factor to the series of main breaks.

IV. Work Order Presentation:

Mark Scott, GIS contractor and Surfside member, gave a presentation on an automated work order program. The automated work order system will improve efficiency and reliability of records of work completed.

John Anthony of Dude Solutions gave a remote presentation on a different work order program.

The committee advised the water department to choose the system that would best meet their needs, provided they stay within the amount budgeted for the GIS program.

V. Mini Excavator Repairs Report:

Gilbert Gonzalez reported that the mini excavator was at the repair shop and parts have been ordered.

VI. Backhoe Repair/Replacement:

Gilbert Gonzalez reported that the new backhoe had been purchased and delivered. Gil provided pictures of the new backhoe.

Gil discussed with the committee how to surplus the old backhoe. The committee encouraged Gil to use the current policy on surplus property.

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<sup>1</sup> February 2017 rainfall was 9-inches. The average rainfall for February is 6-inches

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### VII. Water System Managers Report:

Bill Neal discussed his written report with the committee. There was discussion about water use efficiency. Water main leakage during February 2017 was 688,100 gallons or 14.5% of the water produced. The high water users report showed that the top 25 residential members used 494,470 gallons of water in February 2017. The total water used by all 1,858 members was 2,311,400 gallons. The top 25 water users used 22.3% of all metered water. The top water users are currently on the leak list or have recently been removed from the leak list.

### VIII. Carbon Treatment Plant Report

The plans and specifications have been submitted to the Department of Health for review and approval. Gray and Osborne is preparing a procurement bid package to send to targeted vendors.

### IX. Water Main Replacement Report

The crew completed the work on J Place between 306<sup>th</sup> and 311<sup>th</sup>. The crew will start replacing water main in division 14 and 15 in March.

### X. Booster Pump Replacement Report

Bill Neal is working with vendors to reduce the estimated cost of installing variable speed drives and updating the SCADA<sup>2</sup> system.

### XI. Oysterville Loop Project Report:

Bill Neal Joe Plahuta P.E., Gray and Osborne, is working on a proposal and scope or work the surveying and engineering work.

### XII. Larry Raymer Report

Bill Neal presented a written response to the questions raised by Trustee Larry Raymer at the last committee meeting. Bill also shared a report by Jerome W Morrisette & Associates, Civil Engineer, prepared for Surfside in 2009. In the report notes that, "*Much of the asbestos concrete pipe is now at the end of its useful life.*" Additionally, the report states, "*It is necessary to try to lessen the rate of water main breaks so that it is not necessary to try to replace all the asbestos concrete water mains at once.*"

### XIII. Adjournment ----- 11:35 a.m.

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<sup>2</sup> Supervisory Control And Data Acquisition