

**CITY OF COLUMBIA  
ENVIRONMENT AND INFRASTRUCTURE COMMITTEE  
MEETING REPORT  
FEBRUARY 28, 2012 – 9:00 A.M.  
CITY HALL – 1737 MAIN STREET  
COUNCIL CONFERENCE ROOM – 2<sup>ND</sup> FLOOR**

---



The Columbia City Council conducted an Environment and Infrastructure Committee Meeting on Tuesday, February 28, 2012 at 9:02 a.m. City Hall, 1737 Main Street, Columbia, South Carolina. The Committee members are: The Honorable Tameika Isaac Devine (Chair), The Honorable Daniel J. Rickenmann and The Honorable Leona K. Plough.

**COMMITTEE DISCUSSION**

1. Smarter Water Opportunity Areas and Recommendations – Mr. Carey Hidaka, IBM Business Solutions Professional

Mr. Carey Hidaka, IBM Business Solutions Professional reported that IBM representatives met with City water and wastewater officials on March 16, 2011 to identify and prioritize requirements for potential resolutions using IBM Smarter Planet solutions. IBM also provided the Environment and Infrastructure committee with a set of Smarter Water recommendations on October 25, 2011. Mr. Hidaka identified several challenges and issues for the water and wastewater systems. The following recommendations were made:

- i. Automated meter reading/advanced metering infrastructure
- ii. Inline monitoring of sanitary sewers to investigate sources of infiltration and inflow
- iii. Maintenance work order processing
- iv. More efficient communications/data sharing between City organizations; need for an executive dashboard for City operation

There was a consensus of the committee to move forward with the AMR (Automated Meter Reading) and have our IT department consult with IBM to see how it will work with IT. There is a need to work together to see if other services can be automated. Utilities and Engineering should be a part of the process. A report should be submitted to this committee on the last 3 received.

2. Water Audit Quarterly Report – *This item was deferred.*
3. Improvements to the Shandon/Rosewood Watershed

Betsy Kaemmerlen, Fuss & O’Neill shared their pilot drainage study to the committee.

There was a consensus of the committee to look at yard trash disposal options and have Melissa Gentry Smith evaluate other areas that are prone to flooding that might benefit from their concepts. Ms. Smith will also determine the number of blocks to be completed. She will identify funding sources as well as look for grant funding.

4. Automated Meter Reading

HD Supply and Neptune Meters were selected by the committee. Finally the selection process meeting will be March 6, 2012. A fixed network at CCI and remote meter reading at 2 residential locations.

The meeting was adjourned at 10:35 a.m.

Respectfully submitted by:

Erika D. Moore  
City Clerk