



**AGENDA  
CITY OF HARRISONVILLE  
BOARD OF ALDERMEN  
WORK SESSION  
CITY HALL  
DECEMBER 7, 2015  
6:30 PM**

- I. Call to Order & Pledge of Allegiance**
- II. Present**
  - A. Attendees**
- III. Discussion Items**
  - A. Emergency repair at Wastewater Treatment Plant**  
**Posted on City Hall Bulletin Board this 3rd day of December 2015**

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**Kim Hubbard, City Clerk**

**The Board of Aldermen meeting is an open meeting but is not a meeting of the public. There is a place on the agenda for comments of citizens under PUBLIC PARTICIPATION. Our rule is that comments by any individual or group shall not exceed (4) minutes. The Board of Aldermen request that concerns be initially addressed at the appropriate action level before coming to the Board of Alderman**



**TO: Board of Aldermen**  
**FROM: Eric Patterson, Asst. Director**  
**DATE: December 2, 2015**  
**SUBJECT: Emergency repair at Wastewater Treatment Plant**

**Type of Item:** *Presentation*

In mid-November the Wastewater Treatment Plant staff started emptying the old digester to inspect the aeration piping; as they got the level down they noticed the piping was broken. They got in to inspect the broken pipe and noticed that the center of the basin floor had raised about a foot in the center. One of the possible causes of this is pressure under the tank building up and with the weight of the water gone it forced the floor up. We are not saying that this is what caused the problem, that will be determined with the engineering contract attached. We called Jeff Barnard with Burns & McDonnell to come in and inspect the tank on November 24, 2015. Jeff and his team came out and looked and have suggested the following course of action.

1. Enter into a "Preliminary Design-Build Agreement" with a not to exceed amount of \$15,000 (see attached)
  2. Do a more comprehensive inspection
  3. Develop a preliminary design, and cost estimate of construction
  4. Enter into a Construction Contract with Cas Constructors LLC (see attached)
- Cas Constructors LLC have done Sanitary Sewer work for the City in the past

This is not the City's normal course, but as it is an "emergency" the State does allow us to proceed without going thru the time consuming route of advertising for engineering service then advertising for Contractor after we get a design from the engineer. Going with Burns and McDonnell's course will save us months and get our Digester back in service.

Discussing with Burns & McDonnell they are fairly confident the repair will be between \$500,000 and \$1,000,000, we will be comparing the cost to repair with the cost to replace. Staff is talking with our insurance company to see if this might be covered and also have identified multiple sources of financing to pay for the construction repair; a couple of those options are:

1. CRG (Community Resource Group) Loan Fund (see attached)

## 2. MPUA (Missouri Public Utility Alliance)

### A. Discussion Item (ID # 2071)

Emergency repair at Wastewater Treatment Plant

Attachments:

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