

# Village of Bellaire

## PUBLIC WORKS COMMITTEE

**Eldon McPherson, Chairman**

**Trish Drollinger**

**Laurie Sexton**

### COMMITTEE MEETING MINUTES

**March 3, 2014**

1. **Call to Order:** Chairman McPherson called the meeting to order at 8:33 a.m. at the Meadow Brook Medical Facility.

#### **Attendance**

**Present:** Chairman McPherson, Trish Drollinger, Laurie Sexton

**Absent:** None

**Staff Present:** Lori Luckett, Chris Thompson

**Also Present:** Marna Robertson, John McCleese, Dave Schulz; via telephone, Rob Gustafson and Eric Marring

2. **Approval of Agenda:** The agenda was approved as written.  
**Motion by Sexton, seconded by Drollinger, to approve the agenda as presented.**  
**Motion carried by voice vote.**
3. **Approval of the February 27, 2014 Meeting Minutes:** The minutes were approved.  
**Motion by Drollinger, seconded by Sexton, to approve the minutes of February 27, 2014 as presented. Motion carried by voice vote.**
4. **Public Comment on Agenda Items:** None presented.
5. **Old Business**

#### **Meadow Brook Waste Water Sewer Usage**

Chris Thompson reviewed his written report for the benefit of those attending telephonically. Thompson explained in 2013 the DPW had noticed an increase in the influent into the waste water treatment system. High increases in the amount of influent prompted the DPW to look for the cause. DPW determined that one home and the Meadow Brook addition had been constructed between 2012 and 2013 and added to the sewer system. Because there was no other change to the system which would explain the increase in influent, DPW purchased and installed a velocity flow meter in the sewer line from Meadow Brook to record an accurate reading. Between January 13, 2014 and February 20, 2014 total flow from the sewer meter was calculated to be 422,649 gallons. The water meter showed 293,800 gallons. There was a difference of 128,849 gallons. DPW thinks that the Meadow Brook storm water collection system may have been cross connected with the sanitary sewer. Thompson expressed concerns about maximizing lagoon capacity with the excess infiltration of storm water from Meadow Brook. Thompson next reviewed the chart showing the overall average of influent going into the system and two flow logs created from readings of the velocity flow meter.

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Robertson asked whether cross-connection could be confirmed. Gustafson stated cameras could be run to the storm sewer to confirm connections. Thompson advised that smoke testing and dye testing could also be done to determine the source. Robertson asked for copies of information to provide to the engineers and contractors.

McPherson stated that increase to Meadow Brook's water/sewer bill would be roughly \$1060 per month. At its previous meeting, the Committee had discussed making a recommendation to the Village Council about billing Meadow Brook based on the sewer meter rather than the water meter and that a permanent sewer meter be installed. Thompson showed the two sewer metering options for consideration. Unfortunately this would not address the lagoon capacity.

Concerns were expressed by Shulz about the location of the connections being under the generator and loading dock. Discussion occurred about testing methods that will be used to determine whether cross connection is the problem. Meadow Brook will be pursuing testing as soon as possible. Robertson asked Gustafson about the time and cost of fixing the issue. Shulz asked Gustafson about relocation of lines if need be.

The temporary meter will be installed to monitor outflow from Meadow Brook until it can be determined whether the problem is caused by cross connection. McPherson requested a proposed timeline for Meadow Brook to investigate the problem as the Village is incurring costs in treating the excess influent for which it is not billing. Meadow Brook will arrange for testing as soon as possible.

Motion by Sexton, seconded by Drollinger, to recommend to Village Council that beginning March 15, 2014 Meadow Brook will be billed based on the sewer meter reading from the velocity flow meter in the sewer line. After additional discussion by Sexton, motion carried by voice vote.

6. **New Business** – None presented.
7. **Discussion Items** – None presented.
8. **Communications/Informational:** None presented.
9. **Member/Public Comment:** None presented.
10. **Adjournment: Meeting adjourned at 9:03 a.m.**

Minutes compiled by Lori Lockett, Clerk

Approved: \_\_\_\_\_  
Eldon McPherson, Chairman

Date: \_\_\_\_\_