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June 21, 2010

Luke Pollock
 City of Powhattan
 PO Box 52
 Powhattan, KS 66527

Dear Luke;

Thanks for meeting with Tony and me on June 14 for the flow testing of your fire hydrants.

There are 13 hydrants in your system. Three of them will likely need to be fixed in the near future. The one on the west end of Main Street, which I numbered 4, is leaking and will not drain back. The next is at the corner of 1st and Center streets. It was showing a low flow rate and would not register on our flow meter. This hydrant also has a possible leak near it. The third hydrant is at the corner of Center and 3rd. It flowed 190 gpm with very low pressure.

All but one of these hydrants are 965 models. I suggest replacing one or two hydrants each year, depending on your budget, to upgrade your system. The test results are as follows:

Test #	Flow Hydrant	Flow in GPM	Static PSI	Operating PSI
1	2nd & Commercial	530	50	10
2	Commercial & Main	680	50	13
3	Main & West	490	50	8
4	West end of Mian	400	50	6
5	West & Third	560	50	11
6	Commercial & First	370	50	4
7	First & Center	to low to indicate	50	Too low to indicate
8	School Hydrant	650	50	12
9	First & Southwest	380	50	5
10	Main & North Center	270	50	3
11	Center & Third	190	50	too low to indicate
12	Forth & East	400	50	6
13	Main & East	340	50	4

Again, thank you for the opportunity to be of help; please call me 785-547-5523 if you have any questions.

Sincerely,

Lonnie Boller
 Surface Water Tech