
**VILLAGE OF SUGAR GROVE
BOARD REPORT**

TO: VILLAGE PRESIDENT & BOARD OF TRUSTEES
FROM: ANTHONY SPECIALE, DIRECTOR OF PUBLIC WORKS
BRAD MERKEL, PUBLIC UTILITIES SUPERVISOR
SUBJECT: DISCUSSION: BACKFLOW PREVENTION TRACKING PROGRAM
AGENDA: AUGUST 16, 2016 REGULAR BOARD MEETING
DATE: AUGUST 11, 2016

ISSUE

A representative from Backflow Solutions Inc. will present on the new backflow prevention tracking program.

DISCUSSION

An IEPA engineering evaluation of the Village of Sugar Grove Water has been completed. A field inspection was made in June of 2016.

The Illinois Environmental Protection Agency conducts periodic inspections of all community water supplies to determine if all programs for monitoring, maintaining the water supply and providing appropriate information to the water user meet the requirements of the Illinois Pollution Control Board's public water supply regulations and related standards. The reason for this work is that if the people in a community are to cooperate and use a common water supply, they must know that their system is properly constructed, operated and maintained.

The inspection report required that the Village institute a biennial cross-connection survey of all water customers. Cross connections typically apply to irrigation, fire suppression systems and large commercial domestic water services. The purpose of this survey is to update existing inventory of cross connection devices and to identify new customers' potable water installations that may be a potential threat to the system. Any systems that are a potential threat must be inspected by a licensed cross connection control device inspector to determine what corrective action, if any, is needed. The biennial surveys must be kept as part of the cross connection program.

Staff has surveyed surrounding communities to see how they are addressing this program, most communities have utilized a vendor to complete the survey and log all data associated with the backflow program. Based on that survey Staff has selected Backflow Solutions Inc. to implement this program for the Village. BSI's online program automatically verifies each test as passing or failed in real-time, and keeps the Village updated every step of the way. BSI will also send all of your backflow notification letters

and receive all customer and tester phone calls. BSI charges the Village an annual fee of \$495.00 to administer the program and \$1.00 per survey completed and logged into the system. Also included is 2 reminder notices to the customer that there backflow device is due for inspection.

COST

The cost to participate in this program is \$495.00 per year and approximately \$4,000 for the survey logging into the system. The funds for this program are in the Utilities Fund Account 50-60-6309.

RECOMMENDATION

This program is currently being implemented, this presentation is informational and no further Board action is required.