



**WasteWater Systems**  
**Aqua America Corporation**

**Key points of interest**

As a program to improve quality, response and to meet government reporting requirements Aqua America has installed the IntegraSense Pump Monitoring Gateway system at various Sewage treatment and lift stations across Pennsylvania. The solution replaces phone auto-dialers previously used for site pump and security alarms. The improved system provides comprehensive system status in real-time and explicit alarm indication via email and text messages to the dispatch office and on call workers. In the past only cryptic alarm messages were provided with no remote visibility of the equipment operation. This required service personnel to respond to all alarm calls with many being false events or minor incidents. With the installation of IntegraSense pump gateway system Aqua America is able to provide 24 hour real-time monitoring and response to trends and faults before they affect the customer while reducing daily travel costs to visit the site .

Features and benefits include :

- Email and Text message alarms
- Real-time system monitoring and visibility
- Pump, Flow and Wet-Well Status
- Daily Reports and data logs
- System flow totalizing



**Overview**

Aqua's history dates back to January 4, 1886 when a group of Swarthmore College professors were granted a charter to supply water to the residents of Springfield Township, Delaware County. By 1925, the company had grown to meet the needs of 58 municipalities in three counties and shareholders voted to change the name to Philadelphia Suburban Water Company. Today, Aqua provides water and wastewater services to approximately 3 million people in 13 states.

Aqua Pennsylvania's Wasterwater division has recently implemented upgrades to remotely monitor sewage treatment and pumping sites to insure high availability of critical wastewater systems while striving to improve compliance and to reduce service and travel costs.

By Utilizing IntegraSense Pump Gateway Systems Aqua America has been able to improve management, compliance, response and profitability. To date the new system has helped to document, and validate proper system operation and identify equipment failures promptly. The Gateway system provides text alarm messaging and daily reporting with electronic charts of all pumps, flows, alarms and levels.

The IntegraSense Pump Gateway system can be offered with a variety of communications such as GSM/GPSR wireless cellular service, Ethernet, Phone Modem and Radio.

Find out more information about Aqua America at [www.aquaamerica.com](http://www.aquaamerica.com).

For more on IntegraSense Gateway Systems go to [www.integrasense.com](http://www.integrasense.com).