

# PUMP STATION MONITORING SERVICE

Understand pump station performance BEFORE it is stressed with additional wet weather demands.

- Gain an understanding of Pump Station capability
- No Equipment Purchase
- No Maintenance Hassles
- Reduce Site Visits
- Accurate Data—Guaranteed
- 24/7 Data Access— Real Time
- Online or Mobile Device
- Event Instant Alerts
- Flow GPM (influent and effluent)



## NO SURPRISES.

Fixed Monthly Fee includes everything: Hardware, Installation, Maintenance

## TRUST

Your data will always be available with a 95% uptime guarantee

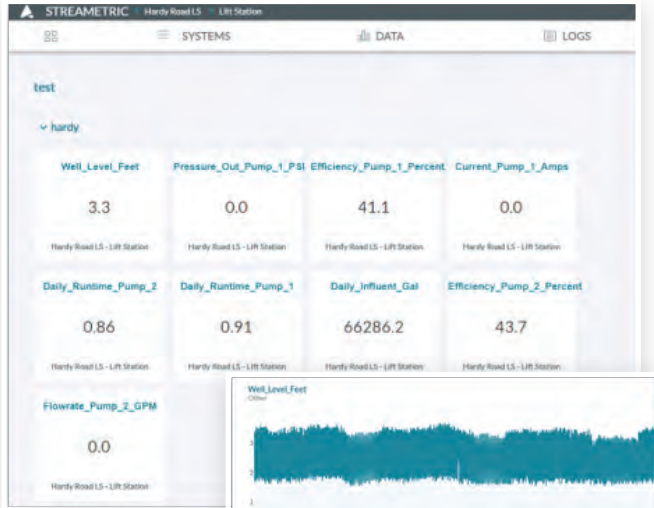
## SAVE TIME AND MONEY

Bundle with SSES services: Pipe CCTV, 360 Manhole Video Inspection, Root Control Service, Pipe Cleaning, Acoustic Pipe Inspection Service, and GIS Services

## BE CONFIDENT

Know that your data (accurate volumetric flow, Pump on/off time, duty cycle, rain, discharge pressure) is being provided by an industry leader. Confirm your pumps stay on the design curve!

# EASY IMPLEMENTATION. SIMPLE TO UNDERSTAND.



On-line dashboards provide crucial real-time data a glance:

- Wetwell Level
- Influent Flow Rate (GPM)
- Pump Flow Rate (GPM)
- Discharge Pressure (PSI)
- Pump Current (Amps)
- Electrical "Wire" HP
- Discharge "Water" HP
- System Efficiency (%)



Accurate data can help you better understand why pumps are unable to keep up.

**DUKE'S**  
ROOTED IN INNOVATION

### Status Report

Date: April 10<sup>th</sup> 2023  
Time period: March 1<sup>st</sup> - March 31<sup>st</sup> 2023  
Station: Hardy Road  
Location: Roanoke, VA

1 Summary

Value	Status	Comment
Critical Alarms	Caution	11 alarms during March, 8 high flow alarms, 2 low flow alarms, 1 high level alarm.
Tank Level	Caution	Tank level remained between 1.36 feet and 12.31 feet. The average high was 3.28 feet.
Current 1 - Pump 1	OK	The maximum current draw for pump 1 was 32.84 Amps.
Current 2 - Pump 2	Caution	The maximum current draw for pump 2 was 197.01 Amps.
Daily Cycle - Pump 1	OK	The daily cycle count for pump 1 was between 7 cycles and 61 cycles. The average daily cycle count was 49.86 cycles.
Daily Cycle - Pump 2	OK	The daily cycle count for pump 2 was between 7 cycles and 62 cycles. The average daily cycle count was 49.71 cycles.
Runtime - Pump 1	OK	The daily runtime for pump 1 was between 168.32 minutes and 650.23 minutes. The average daily runtime was 361.26 minutes.
Runtime - Pump 2	OK	The daily runtime for pump 2 was between 290.27 minutes and 617.9 minutes. The average daily runtime was 339.05 minutes.

