

ELAN

Technologies

Inc.



Plasti-Fab, Inc. / ELAN Technologies, Inc. Real Time Collection System Sluice / Weir Gate

URBAN NETWORK SOLUTIONS



BENEFITS:

- Maintain compliance
- Reduce CSO's
- Reduce sewer backups into homes
- Reduce personnel required to operate gates manually
- Real time status of gate position and sensors
- Collection System Optimization

ELAN Technologies automates Plasti-Fab sluice / weir gates with the use of sensors and remote communications throughout the collection system to optimize collection system capacity.

Applications:

- Manage Collection System Flows from Real-Time Information
- Diversion Structures
- Interceptors
- Deep Tunnel
- Inline Storage - WWTP near capacity at normal operation; exceeds limits during wet weather flows
- Storage & Control for Storm Water
- Monitoring
- Pump Stations

Key Design Features:

- FRP gates will not seize or corrode; always operate when needed
- Extreme Low Power RTU
- Battery Power / Solar Power Available
- Remote Communications
- Integrate with SCADA
- Alarm Management
- Web Server Technology
- Email messaging, push messaging, text messaging
- Automated via set-point levels with remote wireless override capability
- Integrate with many sensors and inputs: flow, level, rainfall, transmit video
- Class 1, Div. 1
- 15 + Years System Design Life
- Customized solutions



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Contact ELAN Technologies

ELAN also offers data logging rain gauges, multiple channel dataloggers, solar powered instruments and other innovative monitoring solutions. Contact ELAN Technologies at 815-463-8105 for details.