



FLOW MONITORING SERVICES

SERVICES

- Site Investigation/Selection
- Equipment Installation
- Equipment Maintenance
- Continuous Data Verification and Quality Control
- Data Analysis
- Data Delivery

CREDENTIALIALS

- 850 Flow and Rainfall Monitoring Programs
- 500 Municipalities
- 450 Meters—Leading Equipment Manufacturers
- Wireless Telemetry Practices
- Advanced Data Management Tools

RJN provides “anywhere and anytime access” data platforms to capture, manage, and maintain critical flow and field data maximizing availability and accessibility for our clients.

OPTIMIZING FLOW MONITORING DATA COLLECTION AND DATA AVAILABILITY THROUGH PROVEN FLOW MONITORING PROCESSES AND PROCEDURES ENSURES DEFENSIBLE AND REPRESENTATIVE SYSTEM DATA.

RJN Group, Inc. adds value by leveraging industry-proven tools and techniques and implementing stringent monitoring procedures to drive operating efficiency and ensure data quality. Ensuring data quality is our primary goal. We know that data must accurately reflect system performance to effectively facilitate your current and future municipal operations and decision-making and planning. RJN proven flow monitoring processes and procedures consistently represent true system behavior.



About RJN Flow Monitoring Services



Flow data builds the foundation for successful I/I mitigation, overflow reduction, modeling, and master planning programs and must be accurate, providing a true picture of system responses under normal conditions and wet-weather events.

Equipment Selection Driven by Site Hydraulics

RJN “fit-for-purpose” metering philosophy stems of our practice of understanding unique site hydraulic conditions before selecting equipment. Our flow metering equipment inventory represents all of the leading equipment manufacturers including Hach, Telog, ISCO, ADS, and FloWav. RJN engineers review site conditions, applying the operating principles of each meter to structure meter networks using equipment technologies that best suit the hydraulic conditions at each monitoring site.

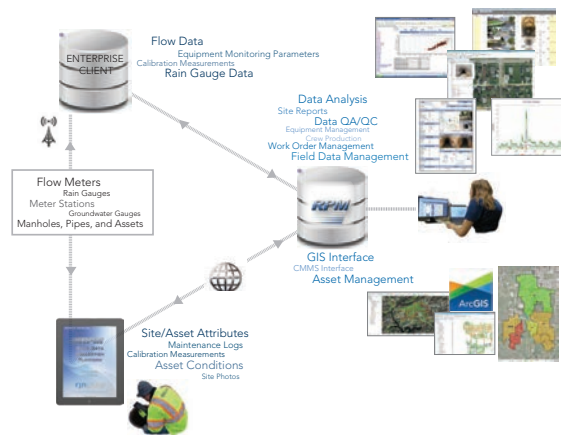
Routine Data and Equipment Monitoring

Monitoring equipment and data equality throughout a project ensures that system performance is being continuously recorded. Stringent data review processes and preventive equipment maintenance procedures drive regular equipment calibration practices (depth and velocity measurements) and data verification throughout a project, ensuring equipment uptime and data accuracy.

Proven Processes, Tools, and Procedures = Accurate Data

- **Equipment:** More than 450 flow meters and 200 telemetry units. RJN Flow Meter Lab staff responsibly calibrate and maintain our equipment inventory according to manufacturer specifications.
- **GPS-Enabled Digital Data Collectors:** The RJN GATAR Data Collectors run on an IOS platform, and record site attributes, maintenance activities, and in-situ calibration readings.
- **Sophisticated Data Management Platforms:** Web-based Enterprise Client and RJN Project Manager (RPM) manage, store, record, and document flow and rainfall data, site maintenance, equipment maintenance, and maintenance logs.
- **Ongoing Flow Data Verification, Hydraulic Analysis and RDII Analysis:** RJN Flow Data Group engineers, mathematicians, and scientists focus solely on flow data analysis. RPM flow analytics provide the tools to perform complex flow balancing and I/I analysis.

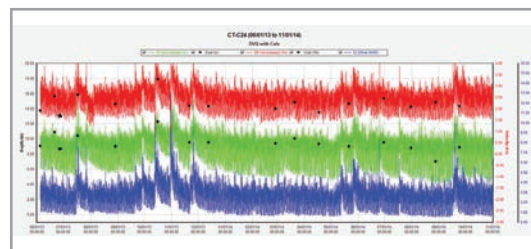
SECURE DATA COLLECTION AND MANAGEMENT



EFFICIENT FIELD DATA COLLECTION



PROACTIVE DATA VERIFICATION



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