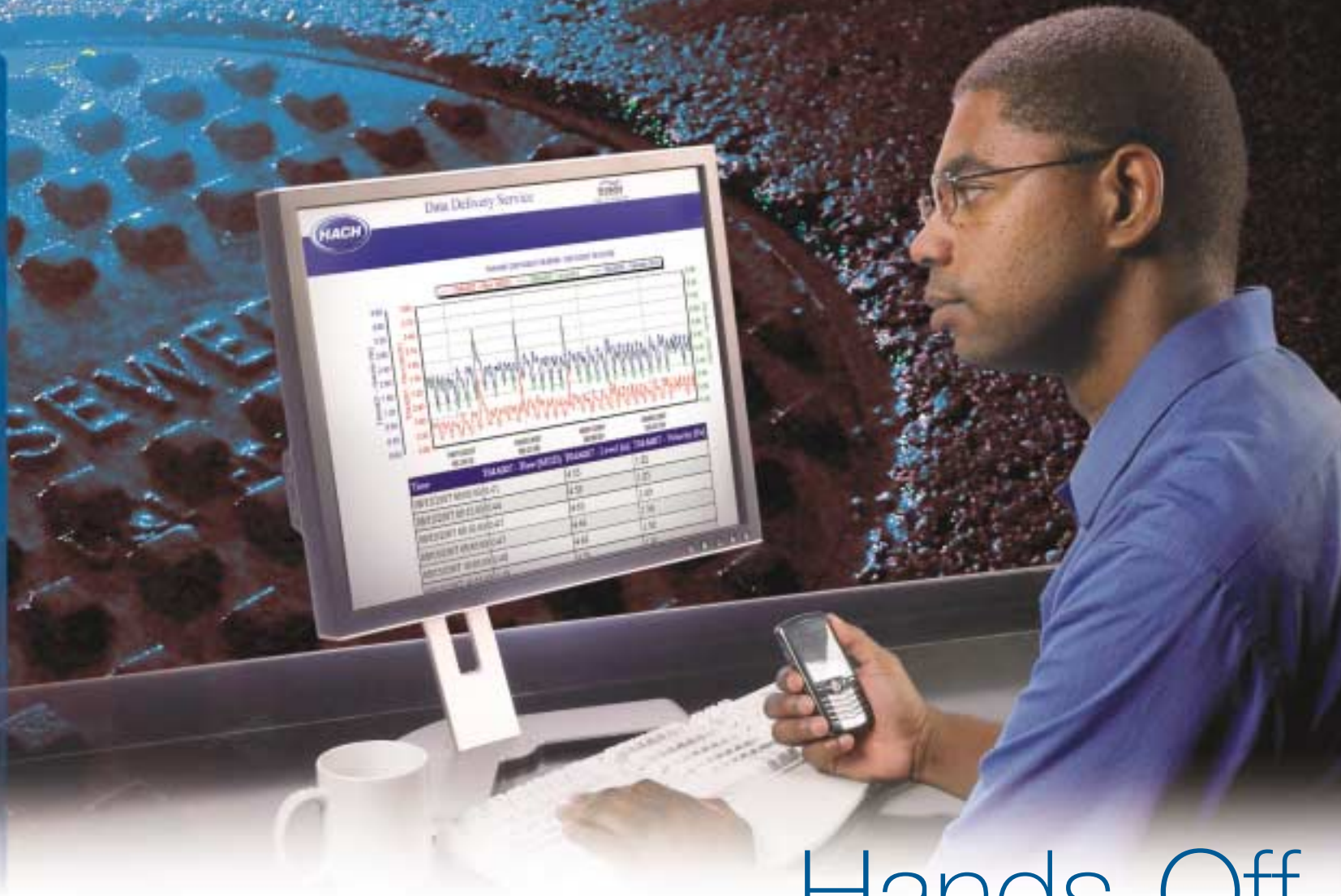


DATA DELIVERY SERVICES



# Hands-Off Sewer Flow Monitoring



Be Right™

# It's time to think outside the manhole . . . with

**DDS**  
Data Delivery Services

- No flow meter purchase required
- Installed and maintained by our certified personnel
- Includes web-enabled flow meter
- 24/7 access to your unedited sewer flow data via web browser

All installations, calibrations, and maintenance performed by factory certified professionals.

Flow data transmitted over commercial digital wireless networks and stored on a secure web server.

Event notification—alerts can be sent to a PDA, e-mail, mobile phone, or pager.

You get 24/7 access to your unedited flow data via web browser from anywhere.

## THE NEW APPROACH

### Imagine...

a reliable sewer flow monitoring network that doesn't require manhole visits.

### Imagine...

accessing your sewer flow data anytime, anywhere—transmitted directly to your PC, laptop, or a secure website.

### Imagine...

receiving this unedited, accurate data at a fixed monthly price.

### Imagine...

having all the benefits of superior data quality from a Hach web-enabled flow meter—without the upfront capital expense associated with a flow meter purchase.

With **DDS** (Data Delivery Services) you pay only for sewer flow data and you don't have to leave your office to get it. For a fixed monthly fee, Hach Company will furnish you with a web-enabled sewer flow meter and all of the following:

- 24/7 access to your unedited sewer flow data via web browser
- 95% data uptime guarantee or it's FREE
- Secure password protected access
- Unlimited secure data transfers
- Daily data back-ups
- Live customer support

Whether you need data from one monitoring site or many more, Data Delivery Services will change the way you think about sewer flow metering.

[www.hachflow.com/delivery](http://www.hachflow.com/delivery)

# Hach Company **DDS** (Data Delivery Services).

## WHAT YOU GET

### Web-Enabled Flow Meters

**DDS** includes a web-enabled flow meter with a long-life battery and a special antenna that continuously sends data from the meter in the sewer to a secure server.



### Professional Flow Reporting

Professional flow data reporting is easily accomplished via the graphical web-based user interface. Hydrographs, scatter-plots, and tabular data indicating min, max, and average values for any user-selectable measurement including level, velocity, flow, battery voltage, call log, continuity, temperature, and sensor specific diagnostic and quality parameters are provided.

Collection system flow data can be used for:

- *Inflow and Infiltration Analysis*
- *Operations and Maintenance*
- *Capacity Analysis*
- *Rehabilitation, Repair, or Replacement*
- *Regulatory Compliance*
- *Billing and Custody Transfer*
- *Alarming*
- *Modeling*
- *Master Planning*

Flow data can be used to determine the following:

- *Average daily flow—dry weather*
- *Peak flow—dry weather*
- *Average daily flow—wet weather*
- *Peak flow—wet weather*
- *Peak inflow rates*
- *Total I/I volume*
- *In-situ pipe capacity (dry and wet weather)*
- *Custody transfer and billing application information*



### Flow Data—Anytime, Anywhere

View your flow data from any internet connected web browser through a secure log-in. Multiple users can be granted different data access levels based on job function.

### Event Notification

Alerts can be sent to a PDA, e-mail, mobile phone, or pager—alerts include overflow or anything that's being measured. Flexible notification schemes provide alerts to the appropriate personnel based on pre-defined availability schedules.



### Remote Monitoring

Hach Company monitors the health and status of all networked flow meters 24/7.

### Installation & Calibration

Hach Company provides factory-certified installation and initial calibrations of **DDS** flow meters. With **DDS** you never have to visit the site. Simply view your flow data from the comfort of your office.

### Secure Server

All data is routed through our secure server located in Loveland, Colorado.

### Maintenance & Repair

You never have to worry about unforeseen costs. If there is ever a problem with any of the meters, they are repaired or replaced within the data uptime guarantee.

### Rain Gauge

New or existing rain gauges can be added to the **DDS** network. Rain data is provided along with flow data on the secure website for further data analysis and reporting.



# What **DDS** customers are saying...

## City of Lawrence, Kansas

Inflow and infiltration work in several collection system basins in Lawrence, Kansas, required long-term flow monitoring. Attracted by the DDS approach to flow monitoring, they are seeing 'BIG' savings as well as freeing up their personnel for other tasks.

"It's great for us because we don't have to buy all of the meters, we don't have to pay for the maintenance on them, and we don't have to provide labor for anything. We wanted raw data—not a company that would go in there and scrub the data.

With DDS we're seeing where we need to expand infrastructure so it's really a good tool for asset and capacity management. It's been an excellent solution. Our director, the city commissioners and the city manager are really sold on DDS—it's just paying big dividends.

DDS has really freed up our collection system staff to do other things. Hach does all of the heavy lifting for us.

A lot of cities think they'd be better off simply buying flow meters and maintaining them themselves, but I think if they go with this DDS it is going to save them money in the long run and they will be able to do so much more. I would say that with DDS our savings will be big!"

*Bob Brower, Manager, Lawrence, Kansas Wastewater Field Operations*

## City of Carmel, Indiana

When 'simplicity and reliability' were required for an inflow and infiltration flow-monitoring project in Carmel, Indiana, the solution was the Data Delivery Services (DDS) program. The 'DDS Way' freed city personnel from day-to-day flow monitoring tasks and provided accurate flow data direct to their desktop.

"We were looking for 'simplicity' for this project and the DDS program, with a fixed price per meter per month, was perfect for us. In the past we had tried installing flow meters with our own staff and we had problems with data downloading and other issues. This time we thought it would be much simpler and more reliable to have someone else own and manage the flow meters. Since we won't need the flow meters after project completion it did not make sense to invest a large sum of money into capital expenditures that were only needed for two years."

*Ed Wolfe, Operations Manager, Carmel, Indiana Waste Water Department*



"With DDS, I can spot a potential problem from my desk. Cost savings have been phenomenal! Don't turn off DDS!"

*Brown & Caldwell*

"Data Delivery Services is extremely helpful and has significantly increased our efficiency."

*AH Environmental*

"It was a no-brainer! When we get another flow study we plan on using DDS. Hach made the whole process very easy."

*LJB Engineering*

"It did not make sense to invest a large sum of money into capital expenditures that were only needed for two years. With a fixed price per meter, per month, DDS was perfect for us."

*City of Carmel, Indiana*

"This is far better than purchasing a bunch of meters that we may or may not use in the future. This is the way to go!"

*Gould Engineering*

"The system has helped us provide quality data while saving us time in the field."

*O'Brien & Gere*

"Now we just go to the website and look at the flows. It's quite a time saver. Everything is taken care of for us with DDS."

*US Steel*

"It's great because we don't have to buy the meters, pay for maintenance or labor. With DDS our savings will be big!"

*City of Lawrence, Kansas*



**Be Right™**

**Hach Company • 4539 Metropolitan Court • Frederick, MD 21704-9452**

**301.874.5599 • 800.368.2723 • Fax 301.874.8459**

**[www.hachflow.com/delivery](http://www.hachflow.com/delivery)**

Lit. No. 2602 Rev 1  
L92.5 Printed in U.S.A.

© Hach Company, 2009. All rights reserved.