Leaders in Grouting Technology

During the past decade, the team of Gannett Fleming, Inc. and Advanced Construction Techniques, Ltd. (ACT) has become recognized as the leader in foundation grouting. Through investments in research and development, they have advanced the science of grouting with IntelliGrout.

- First used at Hunting Run Dam in 2001
- Ten additional projects
- Seven projects for the U.S. Army Corps of Engineers (USACE)

IntelliGrout is a comprehensive integration of real-time data collection, display, analyses, and computer control of grouting operations. The system consists of both hardware and software components — all designed and constructed to allow project participants to collect, visualize, and understand vast amounts of complex data in real time.

IntelliGrout Advantages

Monitoring and analysis
- Observe and understand in real time
- Measure project goal achievement

Reporting and recording
- Quality control of work in progress
- Automatic generation of all project records

Communication
- Effective data communication
- Transmit to offsite resources

Program decisions without delay
- Make informed decisions
- Tailor the job to the geologic conditions

IntelliGrout control center

Two-dimensional display of grout takes
Representative Projects

- McCook Reservoir, Ill., USACE Chicago District
- Swinging Bridge Dam, N.Y., Mirant NY LLC
- Center Hill Dam, Tenn., USACE Nashville District

Hunting Run Dam, Spotsylvania County, Va.

Mississinewa Dam, Ind., USACE, Louisville District

Wolf Creek Dam, Ky., USACE, Nashville District

Clearwater Dam, Mo., USACE, Little Rock District

800.233.1055

For more information on IntelliGrout, please contact:

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