
GILSON ENGINEERING

WASTEWATER TREATMENT



Instrumentation and control products for wastewater plants...

PITTSBURGH, PA

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Pittsburgh, PA 15237
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f (412) 366-1728

COLUMBUS, OH

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Columbus, OH 43235
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f (440) 543-1230

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Cincinnati, OH 45241
p 800-860-4499
f (412)348-3042

CHARLESTON, WV

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Charleston, WV 25304
p (304) 342-0012
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TOLEDO, OH

26953 Mingo Drive
Perrysburg, OH 43551
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ORLANDO, FL

144 Harston Ct
Heathrow, FL 32746
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f (407) 444-0335

TAMPA, FL

12321 Gilmerton Mist Ln
Riverview, FL 33579
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f (407) 444-0335

LOUISVILLE, KY

711 Bass Lane
Shelbyville, KY 40065
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f (502) 871-4071

www.gilsoneng.com

From Lift Station To Final Effluent



Lift Station

**Wet Well Level – Siemens- Milltronics,
Thermo Scientific (formerly TN Technologies)
Influent/Effluent Flow Monitoring – Siemens Magmeters
Toxic/Combustible Gas Monitoring - MSA
Portable Gas Monitoring - MSA
pH Monitoring - ECD
Data Acquisition Systems –Thermo Scientific (formerly
Westronics), Moore Industries, Siemens/Moore,
& OmniSite.**

**Wireless: Elpro Radio
Loop Controllers - Siemens/Moore
Panel Indicators/Displays - Precision Digital
Pressure Switches -
ITT Neo Dyn
Flow/Level Recorders – Thermo
Scientific (formerly Westronics)**



Bar Screen/Mechanical Screen

**Open Channel Influent Flowmeters – Siemens-Milltronics
Automatic Bar Screen Control – Siemens-Milltronics
Headworks Building Gas Monitoring - MSA**



(formerly TN Technologies)

Sludge Digestion/Sludge Thickening

**Waste Activated Sludge Flowmeter – Siemens-
Milltronics**

Sludge Density - Thermo Scientific

**Odor Monitoring - MSA
Digester Flow - FCI
Seal Water to Pumps – Universal Flow, FCI**

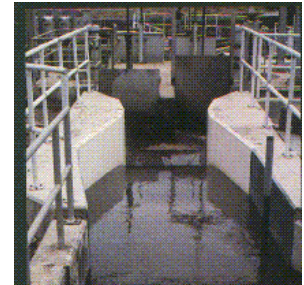


Aeration Tanks

Air Flowmeters - FCI
Dissolved Oxygen Monitors - ECD
Return Activated Sludge Flowmeters –
Siemens-Dan Foss

Final Effluent Monitoring

Open Channel Flowmetering – Siemens-Milltronics
pH Monitoring - ECD
Flow Recorders - Thermo Scientific (formerly Westronics)



Chemical Storage/Chemical Mixing

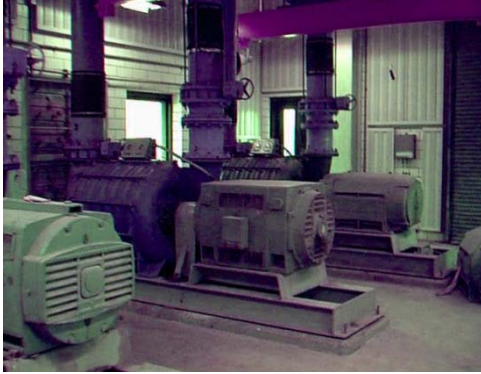


Continuous Tank Level –Siemens-Milltronics,
Thermo Scientific (formerly TN Technologies)
High Level/Low Level Alarming –Siemens-Milltronics, FCI
Storage Area Gas Monitoring - MSA
Portable Gas Monitoring - MSA
Chemical Additive Flowmetering – Siemens, Seametrics,
Universal Flow
Conductivity Meters – ECD
Chemical Injection/Mixing – Jordan Valve
Secondary Water –Siemens, Seametrics, Universal Flow

WATER TREATMENT

From WellTo consumer's home

Well Supply/Pump House



***Well Level/Drawdown Monitoring – Siemens-
Milltronics***

pH Monitoring - ECD

Pump House Gas Monitoring - MSA

***Water Flowmetering – Siemens-Dan Foss,
Seametrics***

Pressure Switches - ITT Neo Dyn

***Flow Recording - Thermo Scientific (formerly
Westronics)***

Data Acquisition Systems – Thermo Scientific

(formerly Westronics), Moore Industries, Siemens/Moore

Digital Indicators/Displays - Precision Digital



Chemical Storage

***Continuous Tank Level –Siemens-Milltronics,
Thermo Scientific (formerly TN
Technologies)***

High Level/Low Level Alarming – Siemens-Milltronics

Storage Area Toxic Gas Monitoring - MSA

Chemical Additive Flowmetering -Siemens, Seametrics

Conductivity Meters - ECD

Low Flow Control Valves - Jordan Valve