
GILSON ENGINEERING

WASTEWATER TREATMENT



Instrumentation and control products for Waste Water Plants...

PITTSBURGH, PA

535 Rochester Road
Pittsburgh, PA 15237-1747
p (412) 348-3000
f (412) 366-1728

COLUMBUS, OH

2697 Sawbury Blvd
Columbus, OH 43235-4582
p (614) 889-2150
f (614) 889-6038

CLEVELAND, OH

PO Box 450
Chagrin Falls, OH
p (440) 543-0300
f (440) 543-1230

CHARLESTON, WV

505 Capitol Street
Charleston, WV 25301-1221
p (304) 342-0012
f (304) 342-0085

TOLEDO, OH

26953 Mingo Drive
Perrysburg, OH 43551-1071
p (419) 874-1178
f (419) 874-5333

ORLANDO, FL

721 Mendez Way
Longwood, FL 32750-6509
p (407) 332-4454
f (407) 332-4969

TAMPA, FL

828 Walsingham Way
Valrico, FL 33594
p (813) 655-1942
f (813) 655-3513

www.gilsoneng.com

From Lift Station To Final Effluent



Lift Station

Wet Well Level - Drexelbrook, Thermo MeasureTech
Influent/Effluent Flow Monitoring - Sparling
Toxic/Combustible Gas Monitoring - MSA
Portable Gas Monitoring - MSA
pH Monitoring - ECD
Data Acquisition Systems - Westronics, Moore Industries, Siemens/Moore
Loop Controllers - Siemens/Moore
Panel Indicators/Displays - Precision Digital
Pressure Switches - ITT Neo Dyn
Flow/Level Recorders - Thermo Westronics

Bar Screen/Mechanical Screen

Open Channel Influent Flowmeters - Drexelbrook
Automatic Bar Screen Control - Drexelbrook
Headworks Building Gas Monitoring - MSA
Flumes/Weirs/Stop gates - Plasti Fab



Primary Settling

Sludge Blanket Level/Clarity Monitoring - Drexelbrook

Sludge Digestion/Sludge Thickening

Sludge Blanket Level - Drexelbrook
Waste Activated Sludge Flowmeters - Sparling
Sludge Density - Thermo MeasureTech
Odor Monitoring - MSA
Digester Flow - FCI



Aeration Tanks

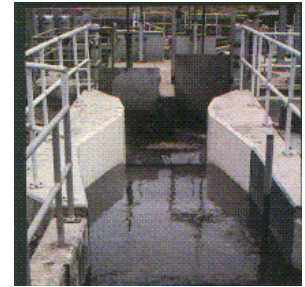
Air Flowmeters - FCI
Dissolved Oxygen Monitors - ECD
Return Activated Sludge Flowmeters - Sparling

Final Settling

Sludge Blanket Level/Clarity Monitoring - Drexelbrook

Final Effluent Monitoring

Open Channel Flowmetering - Drexelbrook
pH Monitoring - ECD
Flumes/Weirs/ Stop gates - Plasti Fab
Flow Recorders - Thermo Westronics



Chemical Storage/Chemical Mixing

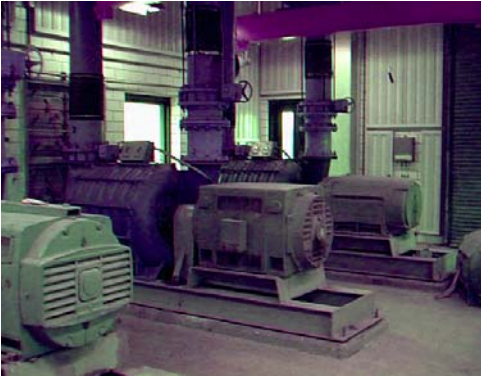
Continuous Tank Level - Drexelbrook, Thermo MeasureTech
High Level/Low Level Alarming - Drexelbrook, FCI
Storage Area Gas Monitoring - MSA
Portable Gas Monitoring - MSA
Chemical Additive Flowmetering - Sparling, Seametrics
Conductivity Meters – ECD
Chemical Injection/Mixing – Jordan Control Valves



WATER TREATMENT

From WellTo consumer's home

Well Supply/Pump House



***Well Level/Drawdown Monitoring - Drexelbrook
pH Monitoring - ECD
Pump House Gas Monitoring - MSA
Water Flowmetering - Sparling, Seametrics
Pressure Switches - ITT Neo Dyn
Flow Recording - Thermo Westronics
Data Acquisition Systems - Westronics, Moore
Industries, Siemens/Moore
Digital Indicators/Displays - Precision Digital***

Chemical Storage



***Continuous Tank Level - Drexelbrook, Thermo
MeasureTech
High Level/Low Level Alarming – Drexelbrook
Storage Area Toxic Gas Monitoring - MSA
Chemical Additive Flowmetering - Sparling, Seametrics
Conductivity Meters - ECD
Low Flow Control Valves - Jordan Valve***