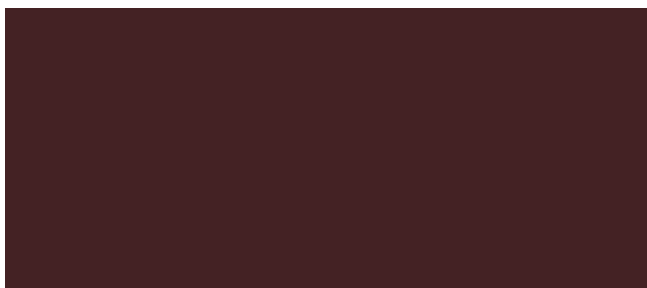
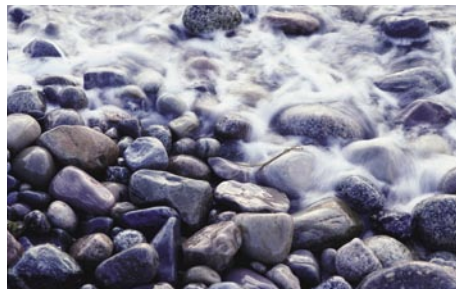


H2FLOW EQUIPMENT INC.

H2FLOW
EQUIPMENT INC.

WATER AND WASTEWATER
TREATMENT



COMPANY PROFILE



H2FLOW EQUIPMENT INC. supplies process, water and wastewater treatment equipment for industrial & municipal use and actively works with plant engineers & operators, consulting engineers, and contractors in the province of Ontario. We also participate in many national and international projects. We operate in three primary market segments: Municipal Water, Municipal Wastewater, and Industrial (both Water and Wastewater). In the Industrial market segment, our typical customers include the food, automotive, pulp & paper, metal & steel, chemical and petrochemical industries.

Since opening for business in January 1992, the company has been establishing itself aggressively in the market place and has enjoyed steady growth. Our team consists of skilled engineers, technicians and support staff. Our company focus has been predominantly on capital equipment and oriented towards process solutions.

We are committed to providing good customer service and to building long lasting relationships with clients, consultants and contractors.

H2FLOW EQUIPMENT INC. can recommend, size and supply engineered equipment. We can supervise the installation, and for some projects, provide the installation of the equipment (design / build or turn key). Custom engineered solutions to water and wastewater problems are our specialty. We have supplied everything from single unit process equipment to entire treatment plants. We have the ability to run pilot trials to determine treatment feasibility.

Service and customer support after the sale is an H2FLOW promise. Our skilled professionals provide operation support and troubleshooting, as well as on-site training of operators and plant maintenance personnel. Service contracts are available to assist our customers with on-going equipment operation.

There is always an opportunity to find a solution for water and wastewater problems. Whether municipal and/or industrial, our customers deserve the best technology available with either a pre-engineered, or custom treatment unit designed for their individual requirements.

We look forward to working with you on future projects where we may have occasion to offer our expertise on engineered equipment and services.



EQUIPMENT AND TECHNOLOGY

COMPLETE WASTEWATER TREATMENT SYSTEMS

Custom engineered for your requirements, designed for on-site installation or skid mounted

WASTEWATER SCREENING, CONVEYING & GRIT EQUIPMENT

Screens and Filters, Rotary Screens and Curved Inclined Sidehill Screens
Compaction & Transport , Shaftless Screw Conveyors
Grit Removal – Hydro-Grit Vortex Degritter, Grit Collectors

WASTEWATER CLARIFICATION, OIL SEPARATION & SUSPENDED SOLIDS REMOVAL

Oil-Water Separators – Emulsion Breaking Systems
Inclined Plate Clarifiers, Dissolved Air Flotation, Rectangular & Circular Clarifiers

WASTEWATER AERATION & BIOLOGICAL TREATMENT

Jet Aerators – SBR Sequencing Batch Reactors – Package Sewage Treatment Plants
Moving Media Bed Biological Reactors (MBBR & HYBAS)
Lagoon Treatment Systems, Diffusers, Floating Aerators & Aeration Systems
Positive Displacement & Centrifugal Blowers - Noise reduction enclosures
Membrane Bioreactors

WASTEWATER TERTIARY TREATMENT & DISINFECTION

Tertiary Gravity Sand Filters, Low Head Filters
Ultraviolet Disinfection Systems – Low and Medium Pressure UV Lamps

BIOSOLIDS – SLUDGE TREATMENT, HANDLING, DEWATERING, MIXING

Gravity Belt Thickeners - Belt Filter Presses - Bag Dewatering Unit
Anaerobic Sludge Digester Mixing Systems, Agitators, Ultrasonic Sludge Conditioner
Recessed Chamber Filter Presses, Rotary Drum Sludge Thickeners, Gravity Thickeners

WATER – FILTRATION, TREATMENT, DISINFECTION

Ultrafiltration, Microfiltration, Nanofiltration and Reverse Osmosis Units
Water Intake Screens
Gravity Filter Systems, Underdrains, Clarifiers, Membrane Filtration
Clearwell Baffles & Curtains
Ultraviolet Disinfection Systems - Low and Medium Pressure UV Lamps
Environmental Contaminant Systems - Pesticide Destruction - Taste and Odour Control

ODOUR CONTROL & CORROSION CONTROL

Biofilters for Odour Control and VOC removal
Hydrogen Peroxide for in-pipe Odour Control, H₂S removal, Corrosion Control

TANK COVERS, LIQUID STORAGE TANKS AND CONTAINMENT

Aluminum Covers (Flat or Dome type) for Rectangular or Circular Tanks
Steel Circular Tanks for liquid storage and treatment
Covers, Baffles, Liners, Curtains and Floating Covers for Lagoons & Tanks



CUSTOMERS SERVED

MUNICIPAL & GOVERNMENT FACILITIES

- Water Treatment Plants
- Water Distribution and Wells
- Wastewater Treatment Plants
- Wastewater Collection and Pump Stations
- Solid Waste Treatment Facilities
- Airports

INDUSTRIAL FACILITIES

- Food and Beverage
- Pulp & Paper
- Automotive
- Metal & Steel
- Chemical & Petrochemical
- Mining
- Power Generation Facilities

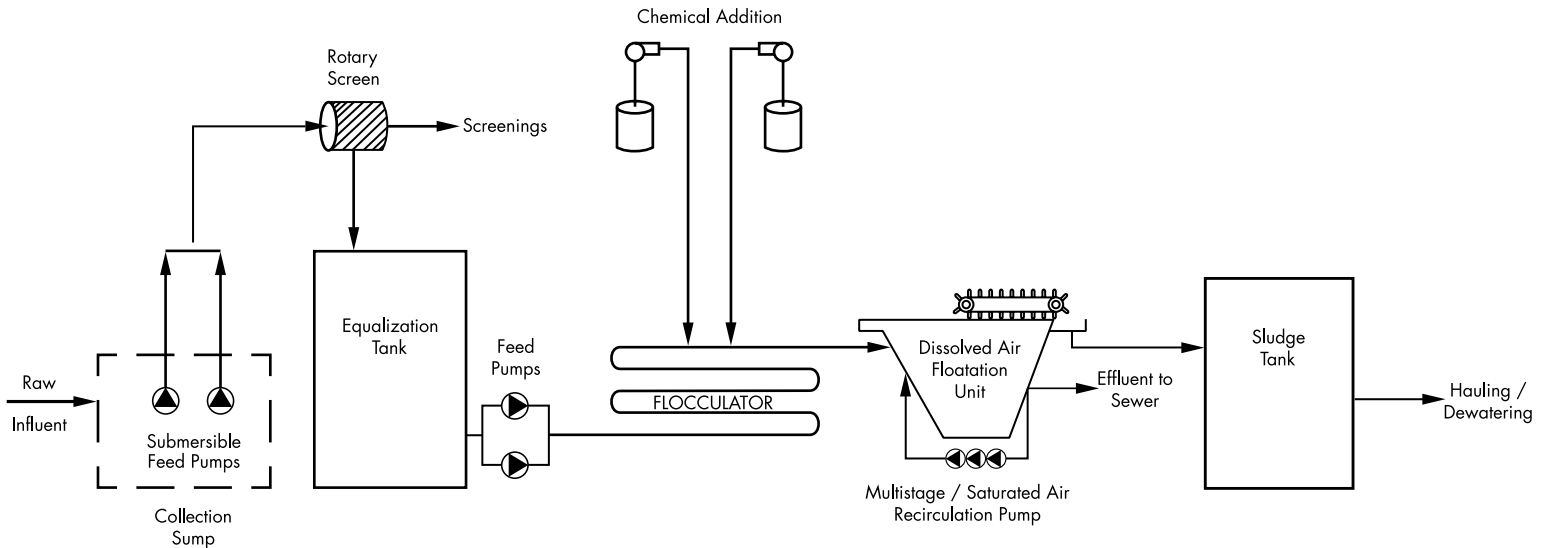
PRIVATELY OWNED WATER AND WASTEWATER FACILITIES

- Campgrounds
- Developer Subdivisions
- Hospitals
- Nursing Homes
- Shopping Malls
- Highway Rest Areas

COMPANY SERVICES

WATER AND WASTEWATER TREATMENT EQUIPMENT

- Engineered Solutions
- Design Assistance
- Quotations, Specifications and Drawings
- Pilot Trials and Equipment
- Service
- Spare Parts
- Start-Up and Repair Services
- Operator Training
- Support and Troubleshooting
- Service Contracts
- Installation Services



SAMPLE INDUSTRIAL TREATMENT FLOW DIAGRAM, DESIGNED AND SUPPLIED BY H2FLOW



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