

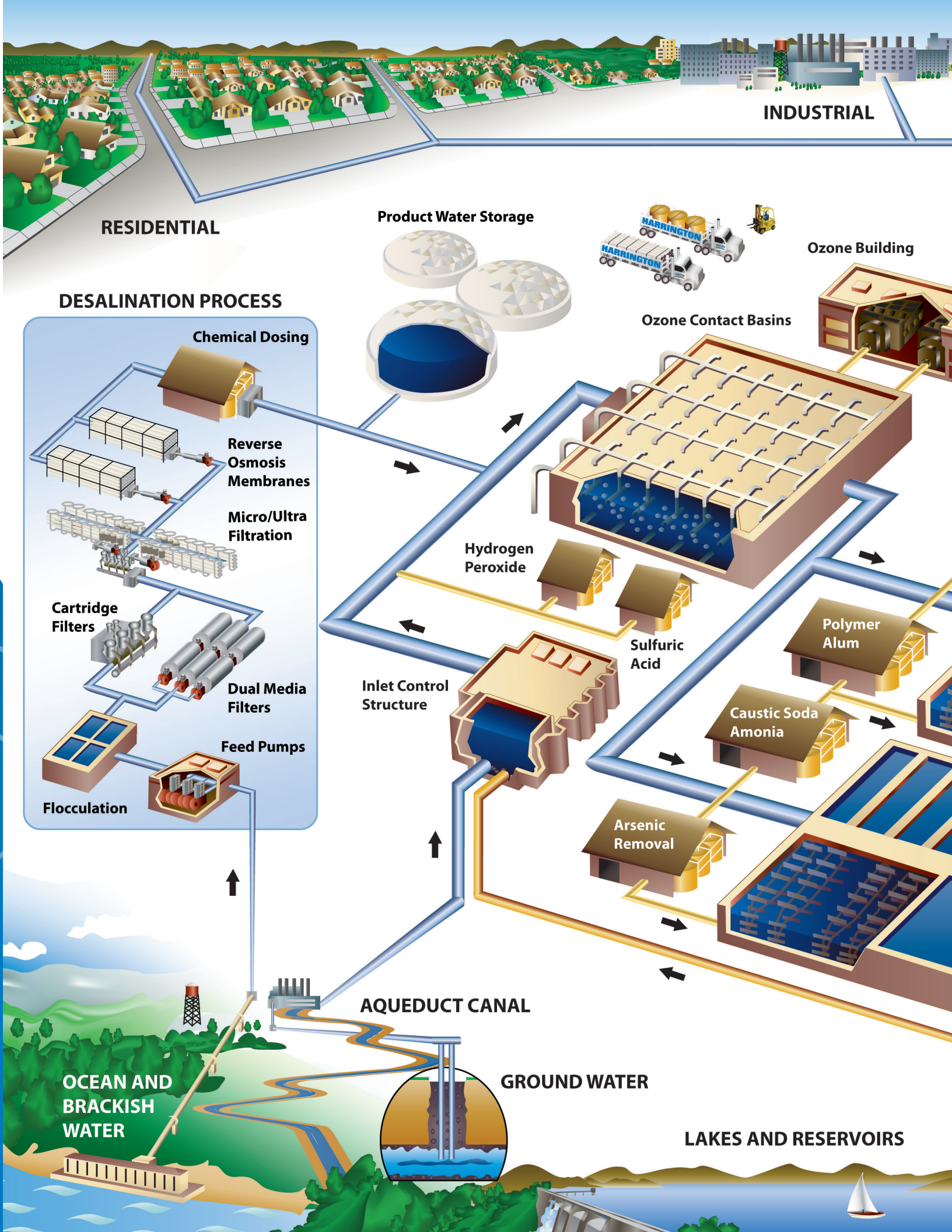
# HARRINGTON

*Process Solutions since 1959*

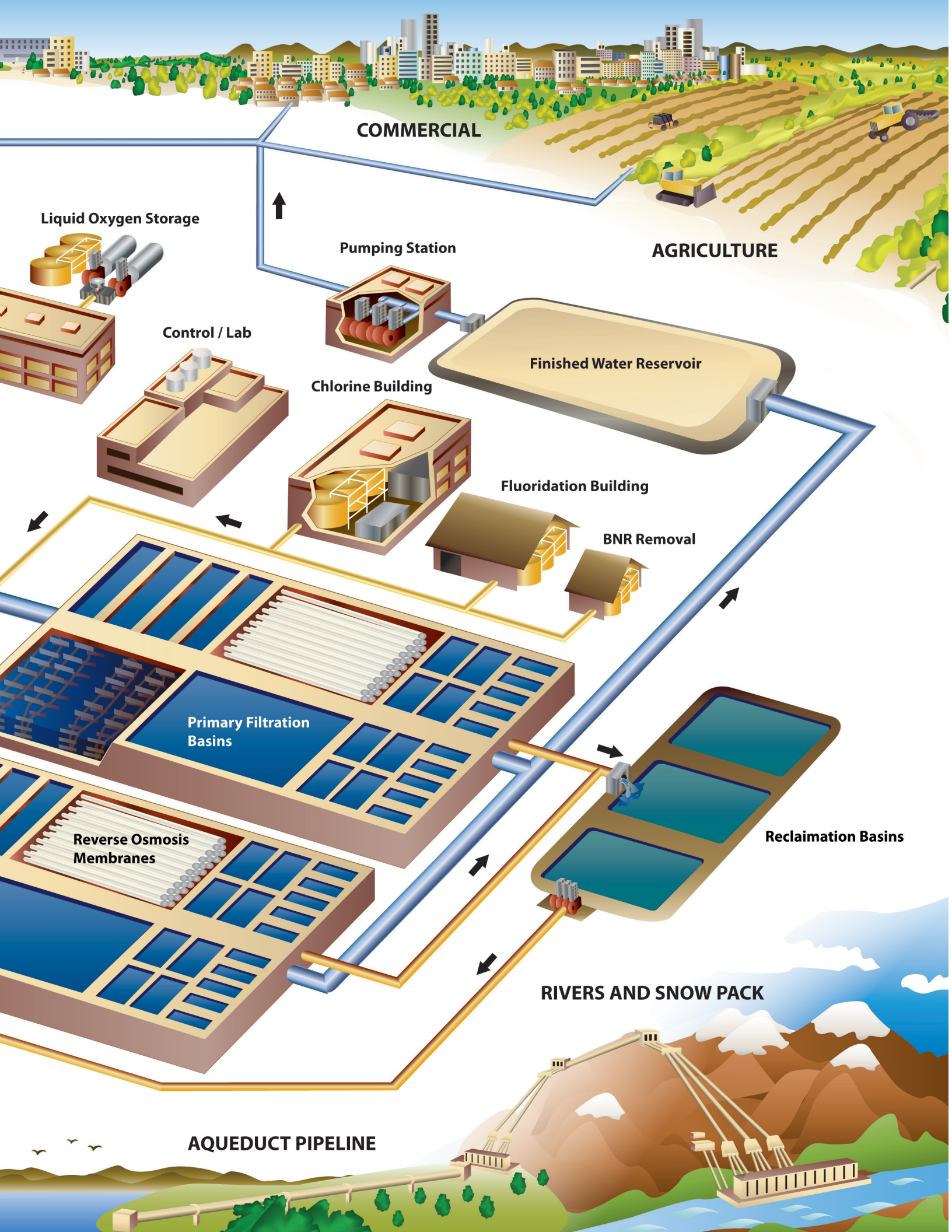
## WATER TREATMENT

- **SERVICE** *You depend on*
- **EXPERTISE** *You trust*
- **AVAILABILITY** *You need*











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Serving you from over 60 locations nationwide

**HARRINGTON**

Process Solutions since 1959



### Pipe & Fittings

Harrington Industrial Plastics has the largest inventories of corrosion-resistant pipe and fittings in the industry. Each of Harrington's sales locations carries a variety of materials tailored to water treatment's specific requirements.

- **PVC & CPVC, Sch. 40 & Sch. 80** - For chemical feed systems, chemical transfer lines and water.
- **Double Containment** - Available in appropriate material for most chemicals and hazardous conditions.
- **FRP** - Piping for severe applications where pressure, temperatures and chemicals exceed standard materials.
- **ABS** - A safe and corrosion-resistant system for compressed air piping, potable water, slurries and mild chemicals.
- **RPMP** - Reinforced Polymer Mortar Pipe and fittings up to 90" diameter for influent/effluent lines.

### Fiberglass Reinforced Plastic

Harrington offers a broad range of products manufactured from corrosion-resistant FRP materials. FRP products are significantly lighter and much more durable than metallic products. FRP's high resin to glass content provides long life, strength, flexibility, and virtually maintenance-free performance.

- **Structurals** - Molded and pultruded FRP grating, handrails, platforms, structural beams, angles, weirs, baffle walls, tank covers and decking.
- **Fume Exhaust and Odor Control** - FRP fume and ventilation ductwork for aggressive and corrosive gases, mists and vapors.
- **Pipe Support Systems** - FRP struts, hangers, fittings, threaded rods, nuts, washers and beam clamps.



**LASCO®**  
Fittings, Inc.



- |               |                       |
|---------------|-----------------------|
| • Pressure    | • Available Materials |
| • Double Wall | - PVC - FRP - CPVC    |
| • Drainage    | - ABS - PVDF - PTFE   |
| • Lined Steel | - PP - HDPE - PE      |

- |                         |                       |
|-------------------------|-----------------------|
| • Molded Grating        | • Weld Rods / Tools   |
| • Pultruded Grating     | • Building Panels     |
| • Shapes / Plates       | • Custom Fabrications |
| • Stairways / Handrails | • Decking Systems     |

**Pipe & Fittings**

**Structurals & Grating**



Harrington Industrial Plastics proudly offers a wide range of water treatment products to meet the most demanding process requirements. Our fully-stocked sales locations carry a broad selection of high quality corrosion-resistant piping systems, valves and automation, containment systems and fiberglass products. Our technically-trained sales staff is available to provide the knowledge and expertise needed to meet the diverse specifications of the water treatment industry. For further information on any of our products and services, please call your local Harrington sales office.



### Instrumentation & Control

Harrington has the instrumentation needed to automatically measure and control the many critical parameters that affect the water treatment process. Self-cleaning and calibrating analytical instruments provide reliable operation in the many environments of the water treatment industry.

- **Level & Flow** - Monitoring, measuring, and recording flow, level, and pressure for water, chemicals and solutions.
- **Controls & Transmitters** - Non-contact measurement and control of water and waste liquids. Broadly selected for bulk storage, day tank and waste sump applications.
- **Analytical instruments** - Measuring pH/ORP, turbidity, dissolved oxygen, chlorine, conductivity, resistivity, etc. for continuously accurate and optimized process results.

### Metering & Transfer Pumps

Harrington has a wide selection of chemical metering, transfer and drum pumps. Additionally, magnetic drive, self-priming, deep-lift, corrosion-resistant, centrifugal pumps that handle chemicals such as sodium hypochlorite, ferric chloride, ferris chloride, and sodium bisulfite with ease.

- **Chemical Metering** - Accurate metering of treatment reagents and chemicals such as caustic soda, chlorinated water, ferric chloride, lime, and polymers.
- **Chemical Transfer** - Magnetic drive, vertical, multi-stage, and ETFE-lined ANSI dimensional pumps to very efficiently move large volumes of chemicals and solutions.
- **Drum and Barrel Pumps** - Safely and efficiently transfer acids, chemicals, solvents and high viscosity fluids.



**Blue-White**  
Industries, Ltd

**+GF+**  
GEORG FISCHER



**PULSAFEEDER**



- |                           |                            |
|---------------------------|----------------------------|
| • Level / Flow / Pressure | • Temperature / pH / ORP   |
| • Signal Converters       | • Turbidity / Conductivity |
| • Analyzers / Monitors    | • Pressure Differential    |
| • Indicators / Meters     | • Controls / Transmitters  |

- |                  |                 |
|------------------|-----------------|
| • Centrifugal    | • Peristaltic   |
| • Magnetic Drive | • Metering      |
| • Diaphragm      | • Gear Pumps    |
| • Drum Pumps     | • Utility Pumps |

**Instrumentation**

**Pumps**





## Manual & Actuated Valves

Harrington's family of specialized valves and automation systems provide the most dependable and economical solutions for water treatment environments.

- **Vented Ball Valves** - Specified for sodium hypochlorite handling in order to prevent trapped liquid or gas to build up inside the ball of the valve and possibly explode.
- **Actuated Valves** - Electric and pneumatic actuation available in nearly all valve options and materials for process automation.
- **Butterfly Valves** - PVC, CPVC, PP & PVDF wetted surfaces, easy operating locking handles, square nut operators, gear drives for large sizes and chain operators that allow excellent flow control.
- **Control Valves** - Regulating diaphragm, degassing and pressure relief valves are readily available for your specific applications.

## Safety & Identification

Harrington's safety, identification and lock-out/tagout products are an essential part of every safe working environment. These products help ensure current processes meet the latest requirements of government and industrial safety standards.

- **Labels & Markers** - Preprinted labels, handheld field printers and in-office printers that produce clear, durable, professional labels, tags and signs are vital for any plant operation.
- **Lockout/Tagout** - Durable, reliable, easy-to-use lockout devices that secure mechanical and electrical equipment.
- **Absorbents and Spill Containment** - To keep employees and work environments safe from unexpected spills, leaks and work place accidents.



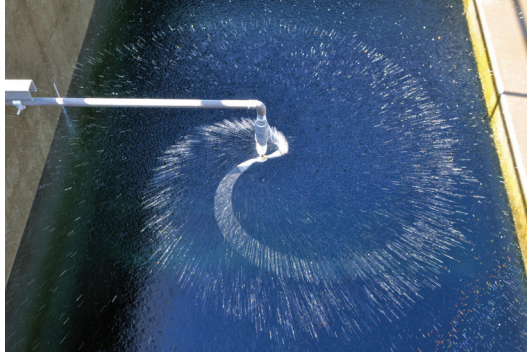
- Ball / 3-Way
- Diaphragm
- Solenoid
- Plastic Lined
- Butterfly
- Globe / Gate
- Check / Control
- Pneumatic / Electric

- Pipe Markers
- Valve Lockouts
- Label Printers
- Hangers / Supports
- Expansion Joints
- Pipe Cutting Tools
- Cements / Primers
- Gaskets / Bolt Kits

## Valves & Automation

## Piping Accessories & Tools





## Storage & Containment Systems

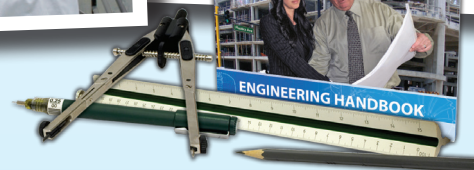
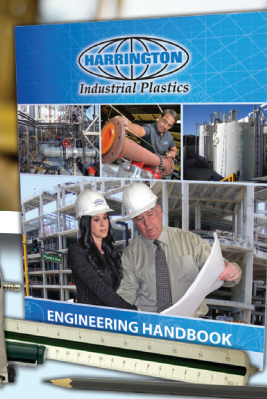
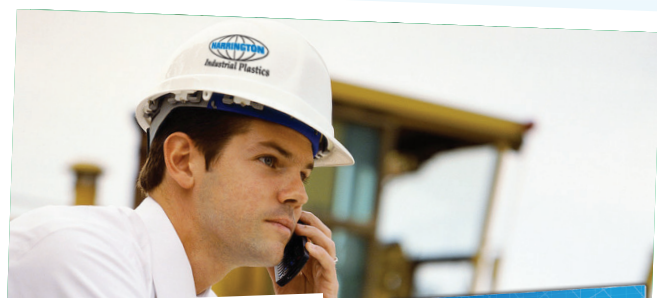
Harrington carries a full range of containment systems designed for handling a variety of water treatment applications. Tank designs include closed or open-top vertical tanks in flat or cone bottoms along with horizontal, double containment and a wide range of UN/DOT-approved IBCs and containment basins.

- **Industrial Tanks** - Seamless, one-piece, cross-linked and linear 100% polyethylene tanks provide maximum corrosion-resistance, reliability and chemical compatibility. Available in both single and double wall configurations.
- **FRP Tanks** - Corrosion-resistant, lightweight and customizable for a variety of liquid storage applications.
- **Tank Accessories** - Insulation, ladders, safety cages, seismic and restraint systems, sight glass assemblies plus a variety of gauges and indicators to get the most out of your containment system.

## Technical & Engineering Services

Harrington has more than 50 years of experience in assisting engineers and operators with the application of industrial plastic products in water treatment environments.

- **Take-Off Services** - Review plans & specifications in order to provide the most cost-effective and appropriate materials.
- **Technical Services** - Rapid on-site product and installation support, design recommendations, ASTM certification and training.
- **Technical Data** - Engineering Handbook and detailed Chemical Resistance Guide with the most up-to-date and comprehensive engineering specifications and data.



- |                             |                         |
|-----------------------------|-------------------------|
| • Secondary Containment     | • Horizontal / Vertical |
| • Free Standing / Seismic   | • Cone / Flat Bottom    |
| • Tank Stands / Covers      | • Bulk Storage          |
| • Cylindrical / Rectangular | • Pump-Up Stations      |

- |                     |                    |
|---------------------|--------------------|
| • Filter Cartridges | • HEPA Air Filters |
| - Absolute          | • Strainers        |
| - Depth             | • Filter Housings  |
| - Membrane          | • Bag Filters      |

## Tanks & Accessories

## Filtration

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