

Boatyard Workshop



Environment Canada

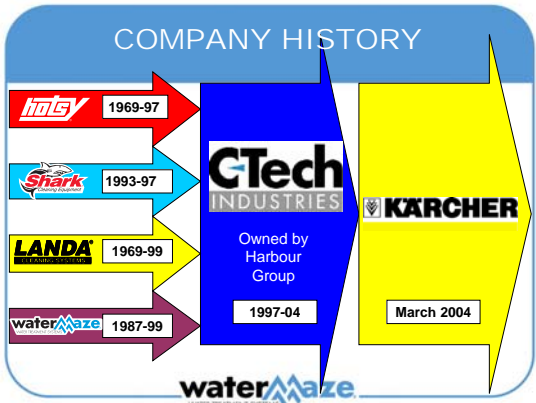


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WATER TREATMENT SYSTEMS

**Marina**  
**Wash Water Treatment Solutions**



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EXPERIENCE & CREDIBILITY

**Only Water Maze Offers the Total Package of So Much Equipment and Expertise...**

- Electrocoagulation
- Mechanical separation
- Filtration
- Chemical treatment
- Bioremediation
- Wastewater evaporation
- Wash pad containment




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EXPERIENCE & CREDIBILITY

**Only Water Maze Has...**

- **19+ Years** as manufacturer of water treatment systems
- A factory staff with **87+ years** combined experience in developing and supporting wash-water treatment systems
- Sold and installed **9,000+** wash-water treatment systems around the globe
- **211** Authorized Water Maze service centers




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FIELD SUPPORT



211 Authorized Water Maze Service Centers



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PARTIAL CUSTOMER LIST

- Over 170+ EC systems sold
  - Equipment Rental
  - Auto-auction
  - Construction
  - Oil Field
  - Aircraft Repair
  - Manufacturing
- Home Depot
- Delta Airlines
- United Rentals
- Halliburton
- Caterpillar
- Adesa Auto Auctions



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## FINDING THE ANSWER

### How Water Maze Identifies the Application Requirements:

- Individual Site Evaluations
- Listen to your needs and requirements
- Take wastewater samples



- **Analyze** the samples, **assess** your needs and present a customized solution

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## THE WATER MAZE ANSWER

### Introducing the... EC1-200S Water Treatment System ...only from Water Maze

**EC+ Plus**  
Advanced Electrocoagulation  
Treatment

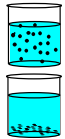
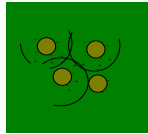


**waterMaze** Patent Pending  
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## TREATMENT TECHNOLOGY

### ELECTRO-COAGULATION:

- Like-charged particles suspended in solution can neither rise nor fall
- Coagulation neutralizes charges, particles can collide and connect



### FLOCCULATION:

- Neutralized contaminants agglomerate into larger, heavier particles
- Long-chained polymers are introduced and attach to contaminants...and both settle quickly

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## TREATMENT TECHNOLOGY

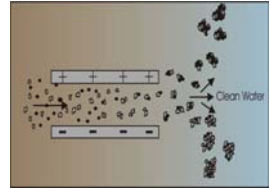
### How Electrocoagulation Works

#### • Electro

To cause a pre-determined reaction using a DC electrical current. There is no risk of shock because the current is so low.

#### • Coagulation

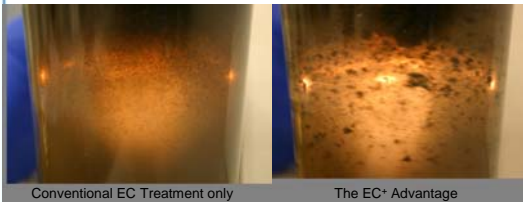
Changing the particle surface charge so suspended matter will bond and form larger particles, heavy enough to drop out of the solution.



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## The EC+ Solution

Water Maze's advanced, patent pending "Flow-train" process.



See the difference EC+ technology makes.

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## Marina WASH WATER

CONTAINING SEDIMENTS AND EMULSIFIED OILS AND DETERGENTS

Water Clarity After Only 15 seconds



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## Marina Test Samples



Boston, MA



Jacksonville, FL



San Francisco, CA

**Wash Water**

**Bilge Water**

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## YOUR SOLUTION

- **Compact Footprint**

- Saves space, install indoors or outdoors
- Modular design, fits tight spaces



- **Unobtrusive Appearance**

- Sleek, low-profile; quality look; professional image

- **Safety First**

- Enviro-safe—worker assurance, liability protection
- ETL certified to UL73 safety standards (CSA 22.2/68-69 by December 2006)

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## YOUR SOLUTION

- **Security Protection**

- A way from foot traffic
- Controls are behind a locked door; no unauthorized use



- **Simple to Operate**

- Fully automated controls; no filters to change
- One-button start up (Pressure Washer)

- **Easy to Maintain**

- Totally self-contained, minimal consumables
- Typical maintenance less than 10 minutes / week

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## YOUR SOLUTION

- **Zero Discharge**

- Total recycling assures environmental compliance
- Sewer discharge, too



- **Proven Technology**

- Effective electrocoagulation wastewater treatment
- EC+ Plus provides enhanced solids separation

- **Cost Effective**

- Compact and innovative, keeps costs and price down

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## YOUR SOLUTION

**Bottom Line:** Clean boats and equipment lasts longer. Now there is an Efficient and environmentally compliant way to protect your investment.



Patent Pending

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**EC+ Plus**  
Advanced Electrocoagulation  
Treatment

## PRODUCT OVERVIEW

### WATER TREATMENT UNIT: EC1-200S

- Sleek, totally enclosed cabinet
- Footprint only 40-by-91 inches
- No external water tanks; no odor
- Integrates proven technologies
  - Solids separation
  - Electro-coagulation
  - Flocculation (EC+ Plus)
  - Ozone injection
- Addresses suspended solids, emulsified oils, heavy metals and anaerobic bacterial growth
- Rust-resistant stainless steel, PVC, epoxy powder coat



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## PRODUCT OVERVIEW

### WATER TREATMENT UNIT: EC1-200S

- Nema 4 control box for electrical controls protection
- ETL certified to UL safety standards for U.S. and Canada (CSA)
- Hinged and lockable security door to prevent unauthorized use
- Advanced Intelligent control circuitry for precise automation
- Automated, simple to operate
- Removable insulated panels for easy service access
- Thermostat-controlled heater for unexpected cold snaps



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## WHY CHOOSE WATER MAZE



### Quality of Product

- 9,000+ units sold
- Expertise in matching right product to customer needs
- ISO quality with CSA / ETL safety certification



### Quality of Service

- Largest factory-trained network of dealers to support Water Maze products



### Training Program

- Initial on-site training of associates
- Monthly and Quarterly follow-ups

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## THANK YOU



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*The Ideal Partnership  
For Environmental  
Solutions!*

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