

**ZCL | XERXES®**  
making a **lasting** difference®

# Containment Sumps



# Over 200,000 fiberglass storage tanks manufactured and shipped in North America

ZCL | Xerxes is the largest manufacturer of fiberglass underground storage tanks in the world. As customer needs and industry regulations change, ZCL | Xerxes continues to be the market leader in product innovation.

## Containment Sumps

### Think in decades, not years

Today, more and more customers, US states and Canadian provinces recognize the need for a structurally strong, sturdy containment sump that withstands the forces inherent in underground installations. This is why most installers and owners have moved away from the use of polyethylene containment sumps.

Innovation never stops, and neither do we. Our recently redesigned containment sumps are manufactured for the dual purpose of enclosing fittings and equipment – such as piping and pumps – and containing spills or piping leaks should they occur.

ZCL | Xerxes containment sumps and collars provide easy access to fittings in a variety of applications.

## Consider Double-Wall Sumps

New federal regulations that require periodic leak testing of containment sumps provide an exemption for hydrostatically monitored double-wall sumps in most applications.

Installing our double-wall sump can be a cost-effective way to avoid both the expense and ongoing service involved in meeting this testing requirement. In California, and potentially other states and provinces, regulations require all new sumps to be double-walled.



# Why Choose Our Fiberglass Sump?

For decades, ZCL | Xerxes has established itself throughout North America as a leading manufacturer of long-life, corrosion-resistant fiberglass vessels and accessories that offer superior protection for the environment. The internal environment of containment sumps is very corrosive. The use of ethanol, ultra-low sulfur diesel (ULSD) and biodiesel fuels, and the corrosion damage caused by these fuels and resulting vapors is increasing. Our fiberglass containment sumps offer customers a corrosion-resistant, long-term option for the storage of liquids in underground installations.

## A Variety of Sump Options

Whether a customer is installing a new underground system or is retrofitting an existing installation, containment sumps are used on nearly all double-wall tanks today. We supply containment collars and sumps as a package to provide secondary containment around tank fittings, piping, pumps and manways. Customers have the option of either dry interstitial monitoring or hydrostatic monitoring. Most double-wall containment sump installations are equipped with hydrostatic monitoring for the same reasons that customers choose it as a monitoring method for double-wall tanks – continuous monitoring of both walls 24/7. Our containment sumps come in a variety of models, sizes and cover/top options.

MODELS & MONITORING OPTIONS	COVER/TOP OPTIONS	SIZE OPTIONS
<ul style="list-style-type: none"><li>• Round and flat-sided</li><li>• Double-wall sump with hydrostatic monitoring</li><li>• Double-wall sump with dry monitoring</li><li>• Single-wall sump</li></ul>	<ul style="list-style-type: none"><li>• 32-inch watertight cover</li><li>• 38-inch watertight cover</li><li>• 32-inch friction-fit cover</li><li>• Open top option</li></ul>	<ul style="list-style-type: none"><li>• 42-inch diameter</li><li>• 48-inch diameter</li><li>• 36-inch to 72-inch height</li><li>• Available in shallow and deep burial heights</li></ul>

## THE ZCL | XERXES ADVANTAGE

ZCL | Xerxes double-wall underground storage tanks offer customers several significant design and performance differences that make them a superior choice to both steel tanks and other fiberglass tanks.

- Corrosion-Resistant Inside and Out
- 100% Premium Resin and Glass
- Flexible Design and Installation Options
- Maintenance-Free
- TRUCHEK® Continuous Leak Detection
- 30-Year Limited Warranty

### FUEL COMPATIBILITY

Our UL-listed (1316) and ULC-listed (S615) double-wall fiberglass tanks are listed as compatible with 0-100 percent ethanol storage and warranted for the full range of ethanol-blended gasoline. Since the UL listing for steel tanks does not require ethanol compatibility testing, this is another distinct advantage of fiberglass over steel.

### PARABEAM®

To create a double-wall sump that is structurally strong, ZCL | Xerxes uses Parabeam®, our patented 3D glass-reinforcement material, to bond the sump walls. This is the same design concept that has made our double-wall tanks the most widely used underground tanks in North America. By using our unique woven-glass to create the interstitial space, our sumps are built to avoid weaknesses such as structural collapse and false monitoring alarms due to flexing walls.

### CORROSION RESISTANCE

ZCL | Xerxes tanks and sumps are made of fiberglass, which means they are inherently resistant to corrosion. Because they are corrosion-resistant inside and out, you'll have the peace of mind of choosing products that help preserve and protect the environment. You'll also enjoy a lower cost of ownership than with steel tanks, which corrode over time and require maintenance.

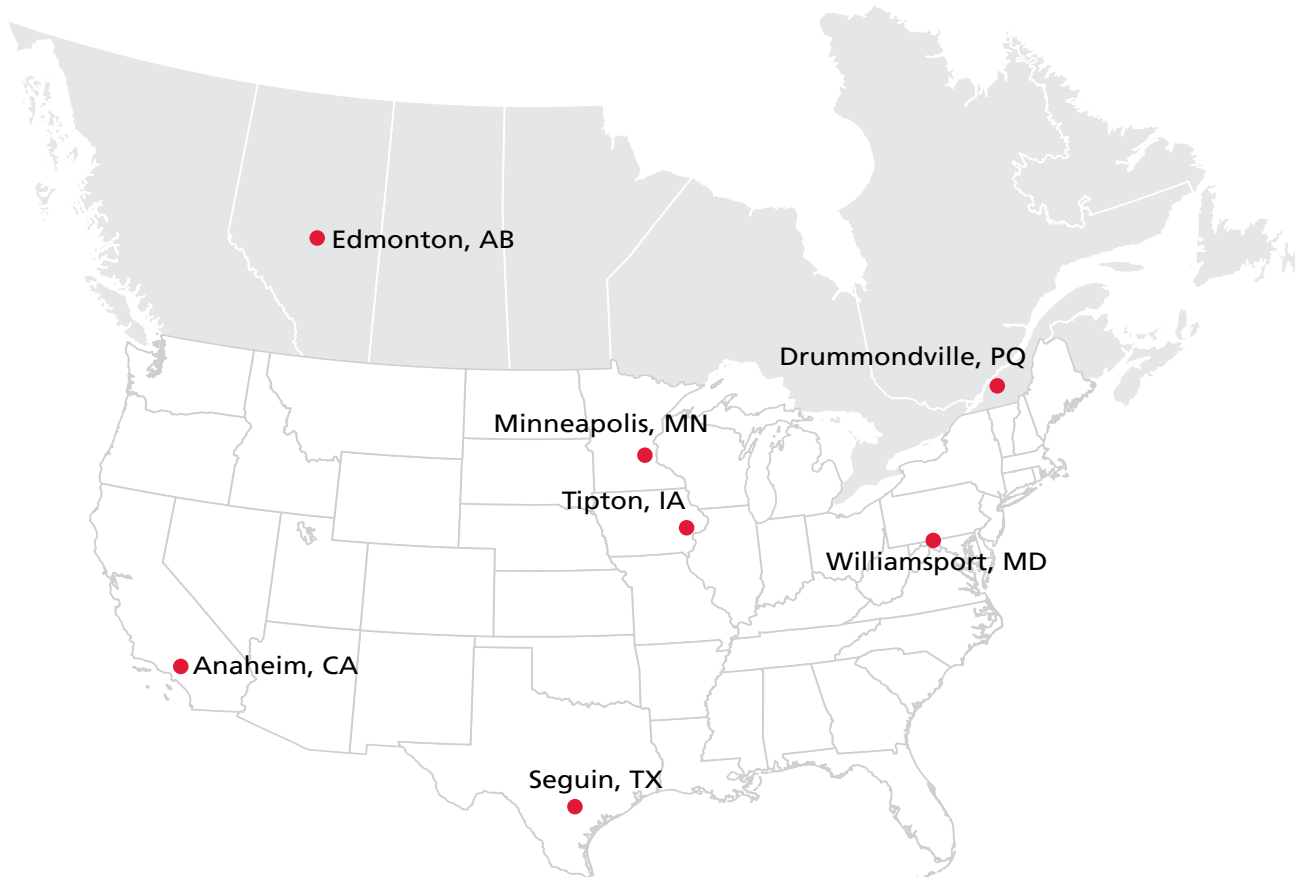
### EXTENSIVE THIRD-PARTY QUALITY TESTING

As further evidence of their durability, ZCL | Xerxes double-wall sumps have passed extensive third-party testing to verify that they withstand interstitial pressure levels that other sumps cannot. Therefore, customers can be assured that our containment sumps are superior to other options in the marketplace.

# Multiple Facilities

## Customers Can Rely on Timely Manufacturing and Delivery of Tanks and Accessories.

With six manufacturing facilities – four in the United States and two in Canada – no matter where customers need fiberglass tanks and accessories shipped, a ZCL | Xerxes manufacturing facility is not far away. No other tank producer offers this kind of manufacturing capability in North America. All our facilities are either UL-listed or ULC-listed.



## Contact Us

We're ready to design a sump solution for you. Visit our website, or contact technical support for more information (see contact information below).

**On the Web:**  
[www.zcl.com](http://www.zcl.com)

**Technical Support:**  
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952.887.1890  
[eng.support@zcl.com](mailto:eng.support@zcl.com)

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### US Office

**Xerxes Corporation**  
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### Manufacturing Facilities:

#### Canada

Edmonton, AB  
Drummondville, PQ

#### USA

Anaheim, CA  
Seguin, TX  
Tipton, IA  
Williamsport, MD