



# Highland Tank®

**Unmatched Quality & Service**

**Stoystown, PA**

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Stoystown, PA 15563-0338  
(814) 893-5701

**Manheim, PA**

4535 Elizabethtown Road  
Manheim, PA 17545-9410  
(717) 664-0600

**Watervliet, NY**

958 19th Street  
Watervliet, NY 12189-1752  
(518) 273-0801

**Greensboro, NC**

2700 Patterson Street  
Greensboro, NC 27407-2317  
(336) 218-0801

**Friedens, PA**

1510 Stoystown Road  
Friedens, PA 15541-7402  
(814) 443-6800

**Clarkston, MI**

4701 White Lake Road  
Clarkston, MI 48346-2554  
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**highlandtank.com**

**MADE IN**



**U. S. A.**

HT-9998



# Highland Tank®

**Unmatched Quality & Service**





# Petroleum & Chemical Storage

- FIREGUARD® Tanks
- Aboveground Tanks
- Underground Tanks
- Chemical Storage Tanks
- Lube Tanks
- Propane Vessels
- Fuel Dispensing

# Wastewater Treatment Systems

- Oil/Water Separators
- Oil/Sand Interceptors
- Elevator Oil Interceptors
- Filtration Systems

# Grease Interceptors

- Automatic Grease Interceptors
- Passive Grease Interceptors
- Manual Grease Interceptors
- Solids Interceptors

# Water Storage & Pressure Vessels

- HighDRO® Water Tanks
- HighDRO® Water Systems
- ASME Pressure Vessels
- Specialty ASME Pressure Vessels

# High-LINK® Technologies

- Fuel Inventory/Dispensing
- Fleet Management
- Grease Monitoring
- Oil/Water Separator Monitoring
- Water System Monitoring



Highland Tank®



# The Highland Advantage

## Strong Steel Fabrication

Highland Tank fabricates tanks from steel because of its strength, reliability, and sustainability. We select steel according to our own strict guidelines and rigid ASTM specifications. Steel also gives us the manufacturing flexibility to build customized solutions, and its product compatibility allows for a broader range of storage applications with greater durability. Additionally, as the most commonly-recycled material, steel helps us maintain our commitment to environmental sustainability while helping our partners' projects comply with environmental requirements.

## Robust Coatings and Linings

Our coatings and linings increase the functionality of our tanks to meet specific site conditions and service requirements. Highland Tank's expert personnel carefully prepare and apply grit blast, coatings, and linings in our temperature-controlled facilities. We work to meet stringent internal guidelines and Steel Tank Institute specifications. Our high-performance formulations include epoxies and high-build polyurethanes. The result is complete internal and external corrosion protection for a more durable tank.





# Built on Tradition

Established in 1946, Highland Tank produced basement tanks for residential use. Coincidental to the surge in home heating oil and the booming automobile industry's demand for fuel storage at service stations, our product line evolved. We expanded to include larger, underground models tailored for gas station use. These formative years set the foundation for our company's future. We embraced a humble philosophy that endures to this day: manufacture a solid product at a competitive price, and deliver it on time. Presently, Highland Tank operates seven state-of-the-art fabrication facilities and maintains a global network of representatives. We take pride in providing unparalleled quality and service, solidifying our position as the nation's leading steel tank manufacturer.



# Highland Tank®



# Custom Fabrication

At Highland Tank, customization is our specialty. Highland Tank’s product lines have matured and diversified to accommodate our customer’s needs. Because each application is unique, every tank is made-to-order. Our engineers have years of experience working directly with our partners to select steel grade, coatings, and features to meet their unique specifications and demands. We offer a consultative approach to ensure that we tailor our products to our customers’ needs.

14ft  
Maximum  
Diameter

90ft  
Maximum  
Length

75K  
Gallon  
Horizontal  
Tanks

50K  
Gallon  
Vertical  
Tanks

60K  
Gallon  
ASME  
Pressure  
Vessels







FIREGUARD® Tanks  
Aboveground Horizontal  
Aboveground Vertical  
Chemical Storage Tanks

Underground Tanks  
Lube Tanks  
Propane Vessels  
Fuel Dispensing

# Petroleum & Chemical Storage



## Underground Storage Tanks

HighGuard | TITAN® | Hotshot  
ACT-100-U® | sti-P3®

Highland Tank's underground storage tanks are available in capacities up to 50,000. Underground double-wall tanks are shipped with a vacuum on the interstice, eliminating the need for on-site air testing.



## Aboveground Storage Tanks

FIREGUARD® | UL-142  
Vertical & Horizontal Configurations

Highland Tank's aboveground tanks are of the highest quality to ensure compliance with EPA regulations for aboveground tanks for the storage of flammable and combustible liquids. Available in a variety of industry-proven cylindrical, rectangular, single-wall, double-wall, and fire rated designs.



## Propane Vessels

Aboveground | Underground

Highland Tank's propane tanks are designed, constructed, and registered in accordance with ASME Boiler and Pressure Vessel Code, Section VIII, Division I for compliance with NFPA 58 "Liquefied Petroleum Gas Code." Vessels come in custom sizes ranging from 3,900 - 60,000 gallons.



## Fuel Dispensing

Highland Tank offers packaged fuel dispensing systems that can be modified to meet specific site plans and layouts. Our turnkey systems are optimized for proper filling, venting, and dispensing of fuel from a variety of tank options.





## HighGuard Double-Wall Tanks



The HighGuard underground storage tank features two steel walls with a strong dielectric coating of high solids polyurethane for protection, even under the most difficult conditions. HighGuard resists surface damage due to impact or abrasion that may occur during transportation, rigging and installation.

The tough HighGuard coating eliminates the need for cathodic protection or expensive corrosion monitoring.

After manufacturing and rigorous testing, the tank's exterior surfaces are commercially blasted with steel grit in preparation for coating.

The HighGuard protective coating is a dense, solvent-free, tar-free, two component polyurethane coating system with high impact properties and tensile strength. The coating is spray-applied with special equipment that ensures an even application of 75 mils over the entire surface of the tank. The finished tank is quality checked by a 15,000-volt spark test to ensure coating integrity and effective corrosion protection that can be measured in decades.



### HighGuard Features

- UL-58 and UL-1746 compliant
- Provides 75 mils dielectric polyurethane protection
- Must pass a 15,000 volt spark test before shipment
- Strong, flexible, and resistant to impact, abrasion, and corrosion
- No cathodic protection monitoring required
- Highland standard 10-year limited warranty
- Highland 30-year limited warranty is available

### Flexible Designs

- Volumes from 300-50,000 gallons
- Custom sizes
- Multi-product storage compartments

### Product Compatible

- Safe storage for all motor fuels and biofuels, including biodiesel and ethanol blends

### Environmentally Friendly

- Most environmentally-friendly coating on the market
- Uses no hazardous materials in production
- Can be disposed of as a non-hazardous material - our steel tanks are 100% recyclable

### Cost Effective

- On a total installed-cost basis, HighGuard's cost is less than any other unmonitored tank configuration on the market today
- No job site spark or air test required

## HighGuard

HighGuard exterior protective coating is a dense, solvent-free, tar-free, two-component coating system with high-impact properties and tensile strength.





# TITAN<sup>®</sup> Tank



## TITAN<sup>®</sup> Tanks Double-Wall Jacketed Tanks

The TITAN<sup>®</sup> is the most technologically advanced double wall underground storage tank available in the industry.

Our patented “fusion bond” technology bonds a high molecular weight (HMW) polymer outer tank to a steel inner tank at every tank opening. The process utilizes high heat and pressure to create a virtually leak and damage proof outer thermoplastic tank. TITAN<sup>®</sup> is so tough, it surpasses the performance standards of Underwriters Laboratories, Inc. UL-1746.

### The Ultimate in Secondary Containment

TITAN<sup>®</sup> assures 100% secondary containment with its 100 mil thick HMW polymer outer tank. Thorough UL-1746 interstitial communication performance testing assures that each TITAN<sup>®</sup> tank can alert its owner of a problem.

- UL-58 and UL-1746 compliant
- 100% secondary containment
- Superior strength and virtually damage-proof exterior
- Low installation costs
- No cathodic protection monitoring required
- Highland standard 10-year limited warranty
- Highland 30-year limited warranty available
- Volumes from 500-29,600 gallons
- Multi-product storage compartments available
- Both primary and secondary tank walls are compatible with all motor fuels and biofuels, including biodiesel and ethanol blends



### Advantages

- Dielectric HMW polymer outer tank totally encapsulates the heavy-duty UL-58 steel tank
- Factory-activated vacuum tightness test assures inner and outer tank integrity at delivery, eliminating job site tightness testing by installers
- Flat head construction reduces installation costs. Shorter than domed end tanks, the TITAN<sup>®</sup> requires less excavation and backfill.
- Installation is easy with a choice of proven backfill materials
- Single and double bulkhead compartments can further reduce installation, insurance, monitoring and maintenance costs
- TITAN<sup>®</sup> tanks are fabricated at multiple locations, making them available for quick delivery to meet your tight installation schedule



# FIREGUARD®

## Thermally Protected Steel Storage Tanks



# FIREGUARD®

FIREGUARD® tanks are thermally protected, double-wall steel cylindrical or rectangular aboveground tanks.

FIREGUARD® is an alternative for the safe storage of motor fuels and other flammable and combustible liquids above ground. They are used where a fire-protected tank is needed because of setback limitations or regulatory requirements. These tanks are Underwriters Laboratories, Inc. labeled and meet or exceed the requirements of UL-2085 including:

- Two-Hour Full Scale Pool Fire Test
- Hose Stream Test
- Ballistics/Projectile Test
- Vehicle Impact Test
- Interstitial Communication Test
- Blast Effect Analysis proved FIREGUARD® resists, with limited damage to the primary steel tank, the effects of a 50 lb man-portable, a 500 lb vehicle-born improvised explosive device, and a 10 psig vapor cloud explosion.



## FIREGUARD® Features

Each tank is constructed with a minimum 3" interstice around the inner tank. The interstice is completely filled with a lightweight, monolithic material.

This insulation protects the inner tank in the unlikely event of a fire or extreme heat. It is porous to allow fluid migration and interstitial monitoring.

Unlike concrete encased tanks, FIREGUARD® tanks' steel outer wall protects the insulation, eliminating the problem of cracking and spalling concrete. Because of its unique construction, each tank is pressure-testable in the factory and at the jobsite. With FIREGUARD®, there is no question of compliance with fire codes; the tank is shipped with emergency vents on both the primary and the secondary containment tanks for protection if exposed to fire or excessive pressure.

FIREGUARD® tanks are approved and labeled for service in New York City with the addition of flanged and dished heads and a 15 to 50 psi hydro-test on the inner tank.

## FIREGUARD® Advantages

- Carries UL-2085 listing as Insulated Secondary Containment for Flammable Liquids
- Lightweight - insulation 75% lighter than concrete, costing less to ship and install
- Reduces tank setback and separation distance requirements by up to 50%
- FIREGUARD's® secondary containment can be tightness-tested on-site
- Steel outer wall protects insulation
- Available in rectangular or cylindrical design
- Tank capacities from 300-75,000 gallons
- Subject to strict, three-tier independent third-party quality assurance program
- STI® standard 30-year limited warranty



# Fuel Systems



## Fuel Systems

Fuel dispensing systems can be used for a wide range of operations. Highland Tank can recommend the best fuel dispensing systems based on your needs and available power source.

Highland Tank offers standard fuel dispensing systems that can be modified to meet specific site plans and layouts.

Turnkey units are designed for tanks up to 8' in diameter and are delivered assembled with electrical and piping systems. The package also features High-LINK® fuel management.



High-LINK® is a cloud-based monitoring and management software that provides in-depth views of day-to-day operations. It includes extensive alerting capabilities and automated, customizable reporting features that help users keep an eye on daily operations from anywhere, at any time, on any compatible device.

Advantages of pairing High-LINK® Technologies with Highland Tank's fuel storage tanks include:

- Save money and increase efficiency
- Analyze data in real time
- Verify physical delivery
- Preprogrammed customizable reports
- Auto-generated reporting
- Monitor fuel transactions by vehicle, driver, fuel type, amount, cost, date, and time
- Manage fuel transport, receipt, dispensing, consumption, and costs
- Audible and visual alarms for leak and overfill





## Aboveground Horizontal Tanks

- UL-142 Standard Tanks
- Dike Tanks
- Skid Tanks
- Shelter Tanks
- Overfill Protection
- Bulk Drums
- FlameShield Tanks
- FIREGUARD® Tanks



## Petroleum & Chemical Storage Tanks

## Aboveground Vertical Tanks

- UL-142 Standard Tanks
- API-650
- Condensate Tanks
- Barrel Tanks
- Bulk Drums
- Fuel Hopper
- FIREGUARD® Tanks



## Lube Tanks

- Rectangular Tanks
- Catwalk + Under Catwalk
- Lube Hopper
- Bench Top
- Bulk Storage Drums



## Chemical Storage

- UL-58
- UL-142
- API-650







Oil/Water Separators  
Oil/Sand Interceptors  
Elevator Oil Interceptors  
Hydrocarbon Filtration Systems



Monitor your oil /water separator system performance with real-time monitoring capabilities powered by High-LINK®



# Wastewater Treatment Systems

## Oil/Water Separators

Highland Tank Oil/Water Separators are designed to remove oil, grease, light petroleum products, and oily-coated solids from wastewater discharges.



## Oil/Sand Interceptors

These tanks are designed to intercept and collect sand, grit, free oil, and other petroleum products in a wastewater flow and prevent their entry into a sanitary sewer system.



## Elevator Oil Interceptors

These interceptors are designed to treat wastewater associated with elevator operations. Elevator sumps often contain hydraulic oil, which can be hazardous to personnel working around equipment and also a potential code violation.



## Hydrocarbon Filtration Systems

Advanced Hydrocarbon Filtration Systems are used in applications where hydrocarbon removal beyond the capability of a normal oil/water separator is necessary.



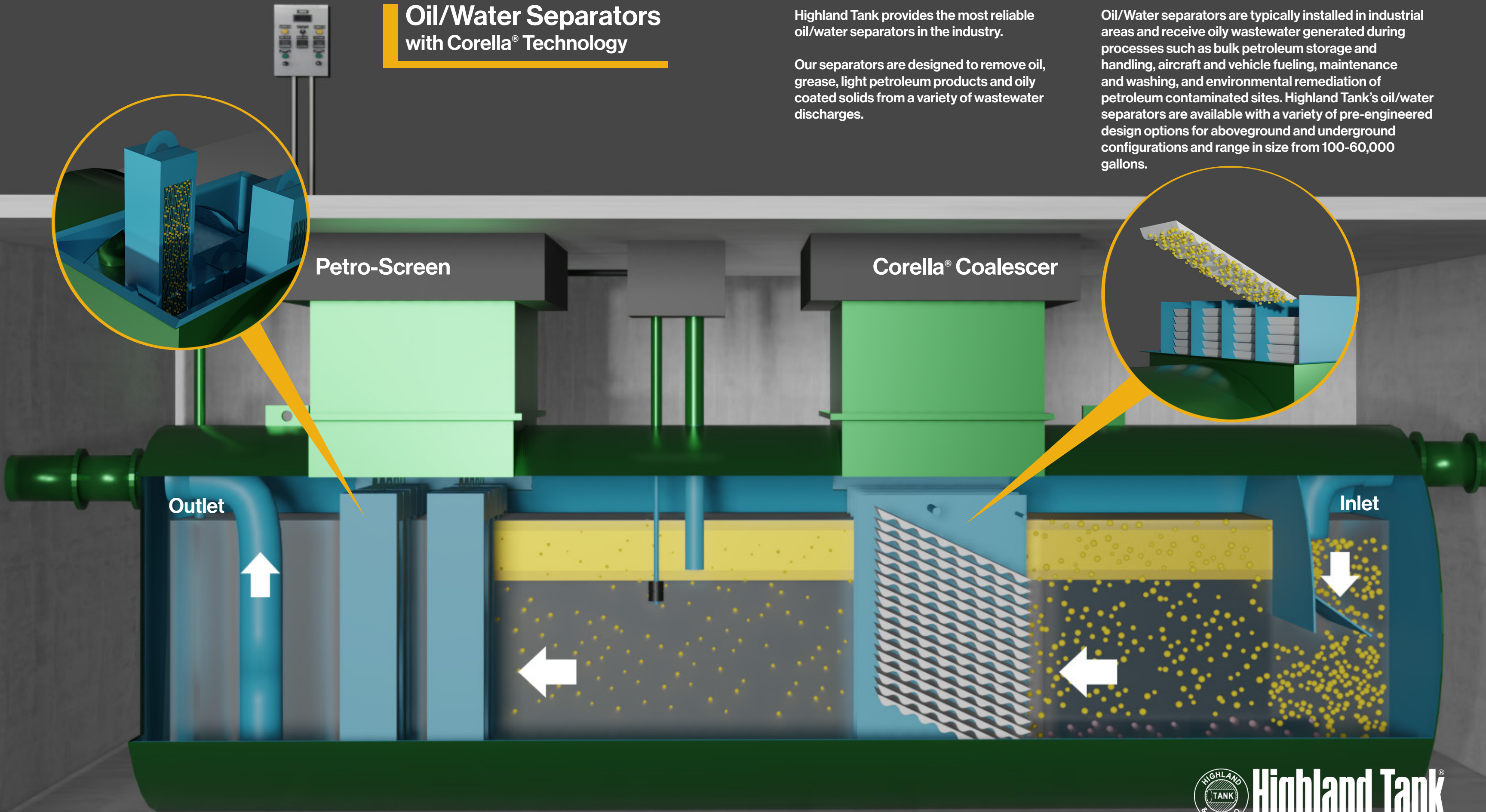


## Oil/Water Separators with Corella® Technology

Highland Tank provides the most reliable oil/water separators in the industry.

Our separators are designed to remove oil, grease, light petroleum products and oily coated solids from a variety of wastewater discharges.

Oil/Water separators are typically installed in industrial areas and receive oily wastewater generated during processes such as bulk petroleum storage and handling, aircraft and vehicle fueling, maintenance and washing, and environmental remediation of petroleum contaminated sites. Highland Tank's oil/water separators are available with a variety of pre-engineered design options for aboveground and underground configurations and range in size from 100-60,000 gallons.



**Highland Tank®**



## Oil/Sand Interceptors

Highland Tank's Oil/Sand Interceptor (OSI) is a treatment tank designed to intercept and collect sand, grit, free-oil and grease (hydrocarbons and other petroleum products) in a wastewater flow, and prevent their entry into the sanitary sewer system.

Oil/sand interceptors contain one to four compartments (basins) where oil separates and floats to the surface, while sand and grit settle to the bottom sludge baffle. Denser, cleaner water flows through the compartment(s) until it is discharged from the interceptor. Designed to accept gravity flow, the interceptor's volume and design, provide ample retention time to enhance the removal of sand, grit, free oil and grease to be removed from the wastewater due to their differences in specific gravity.



## Elevator Oil Interceptors

Hydraulic oil in elevator sumps is most often a code violation and potentially dangerous for all personnel working on and around the elevator equipment. This condition can cause damage to the elevator equipment and pollute the environment if allowed to persist.

Highland Tank offers standard and customized oil interceptors and complete systems to remove oils and treat wastewater associated with all types of elevator operations. They are constructed of mild carbon steel and coated with heavy duty polyurethane for superior corrosion resistance, are suitable for installation above or below grade and are available in configurations to fit almost any requirement.



## Filtration Systems

Advanced Hydrocarbon Filtration Systems (AHFS) are used in applications where hydrocarbon removal beyond the capability of a normal oil/water separator is necessary. AHFS provide efficient and effective removal of a variety of hydrocarbons, ranging from BTEX to crude oil, from water. They also help safeguard the environment and personnel from harmful persistent chemicals and pollutants.

AHFS employ oleophilic filters that utilize a patented hydrocarbon removal technology that bonds hydrocarbons to the filter media, making them hydrophobic and viscoelastic. This properly removes the hydrocarbons from the water stream. The single-pass efficiency through the filter cartridges is very high, with very little pressure drop created by oil saturation. Our custom built AHFS are skid-mounted with filters, pumps, motors, controls, valves, piping and wiring.

By designing our AHFS from the ground up, Highland Tank's engineers can assemble all the components



### Benefits Include:

- Ideal for use by a diverse range of industries
- Consistently high hydrocarbon removal efficiency
- Ensures compliance with environmental regulations
- Durable construction
- Compact design - small footprint
- Easy operation & maintenance
- Minimizes waste disposal



Monitor your oil/water separator system performance with real-time monitoring capabilities powered by High-LINK®





Passive Grease Interceptors  
Automatic Grease Interceptors  
Solids Interceptors

# Grease Interceptors & Removal Systems



Monitor your grease interceptor system performance with real-time monitoring capabilities powered by High-LINK®



## Passive Grease Interceptors

Passive grease interceptors are designed to remove large quantities of sewer-clogging fats, oils, and grease before it's discharged to a municipal wastewater treatment system. Capacities from 250-60,000 gallons.



## GreaseStopper® Automatic Grease Interceptors

GreaseStopper® Automatic Grease Interceptors are designed to remove large quantities of fats, oils and grease discharged from commercial kitchens. We also offer a flush-with-floor model to save valuable kitchen floor space and accommodate existing piping.



## Solids Interceptors

Highland Tank manufactures a variety of solids interceptors to prevent solids from entering the piping infrastructure and interfering with municipal wastewater treatment.





# Passive Grease Interceptors

- Underground Cylindrical
- Aboveground Rectangular
- Aboveground Cylindrical
- AHJ-Specific Designs

Passive Grease Interceptors (PGI) help food service establishments and food production and processing industries comply with the EPA Sewer Pretreatment Regulations. PGIs are high-performance gravity grease interceptors designed to intercept and remove large quantities of sewer clogging fats, oils, grease, and solids (FOGs) before it is discharged in a municipal wastewater treatment system.

PGI sizing and construction conforms to recognized plumbing codes and meets, or exceeds, most municipal FOG discharge requirements.

We construct our standard PGIs from mild carbon steel, meeting ASTM specifications, for superior structural strength and impermeability.

Highland Tank PGIs are made of steel, so they do not crack, leak, or collapse under hydrostatic pressure. They are also watertight and pressure testable in both the factory and the field.



## Advanced Corrosion Protection

Factory specifications assure complete internal and external corrosion protection. We offer complete interior/exterior grit blast with finish coatings, including Highland Tank's HighGuard UL-1746 approved protective polyurethane coating.

An additional acid-resistant internal polyurethane lining assures years of continuous service.

## Design Options

Stainless steel construction is a valuable option. Stainless steel is inherently corrosion resistant and has high mechanical properties. It is often preferred due to its durability.

Aboveground cylindrical or rectangular interceptors and custom designs are also available so that you can tailor volumes, compartments, inlets, outlets or baffles to satisfy specific code requirements.

Large, outdoor gravity grease interceptors effectively separate FOG and kitchen waste from wastewater.

They reduce the risk of sewer clogging and potentially dangerous and damaging sanitary sewer overflows because they provide longer retention time and storage volume.





# Automatic Grease Interceptors

- 15-100 GPM
- 150-800 GPM
- Flush-with-Floor
- Manual Grease Interceptors
- Large Capacity Hydromechanical 100-GPM Interceptor

## Proven Performance

- Removes fats, oils, and grease (FOG) before blockages occur in pipes
- Removes grease automatically on a preprogrammed, timed basis using digital technology
- Minimizes the daily routine of grease interceptor cleaning - a substantial cost savings
- With only one moving part, the GreaseStopper® requires little maintenance
- Equipped with reliable, heavy-duty direct-drive electric motors for long-term use without overheating
- Designed and constructed in accordance with Underwriters' Laboratories, Inc. UL 430 Standard (Control Number 1D42)
- In accordance with PDI-G101 and ASME 112.14.3
- IAPMO Research and Testing, Inc. Certificate of Listing (UPC)



GreaseStopper® automatic grease interceptors are grease removal devices designed to handle discharges of fats, oils, and grease generated from washing and cleaning operations in restaurants and food production facilities. They automatically remove grease from the interceptor with an electrical/mechanical skimmer.

## Manual Grease Interceptors (MGI)

MGIs are hydromechanical grease interceptors typically installed indoors where they can be hooked up to a sanitary sewer that does not mandate an automatic grease removal device.



# Solid Interceptors

- Flat Strainer Baskets
- In-Line Strainer Baskets
- Lint Interceptors

## Solids Interceptors

Highland Tank fabricates a variety of strainer devices designed to catch solid waste before it enters a grease interceptor or a facility's sewage system.

## Flat Strainer Baskets

Flat strainer baskets are designed to reduce or eliminate total suspended solids (TSS).

## Lint Interceptors

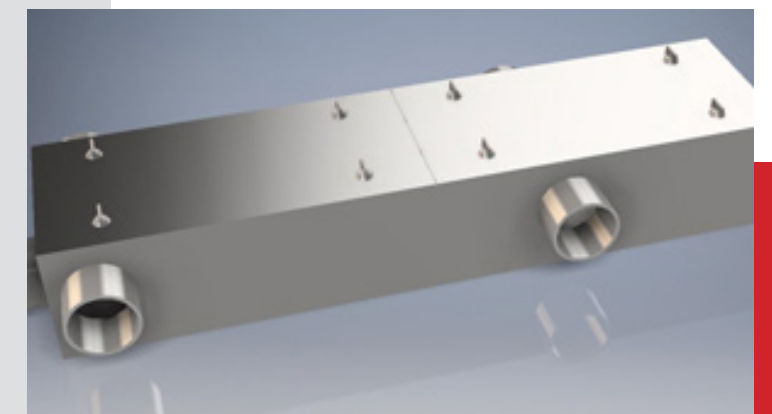
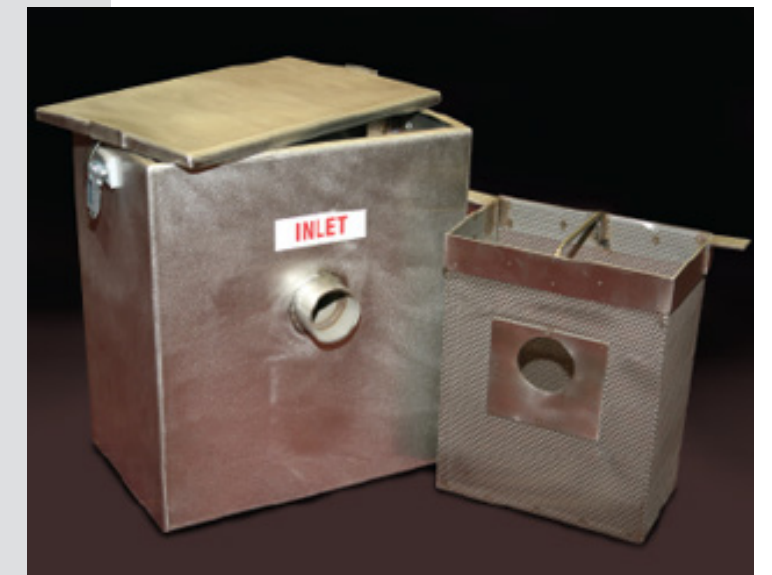
Lint Interceptors are installed on drain lines of industrial washing machines. They are designed to trap large quantities of sewer clogging lint and other solids associated with commercial laundries. These modular units can be connected together in a series for more capacity. They are constructed of stainless steel.



Monitor your grease interceptor system performance with real-time monitoring capabilities powered by High-LINK®

## In-Line Strainer Baskets

In-Line Strainer Baskets are designed to be a point-of-use fixture that is used to reduce the loading of total suspended solids (TSS).







HighDRO® Water Tanks  
 HighDRO® Water Systems  
 ASME Pressure Vessels  
 Specialty ASME Pressure Vessels



Monitor your water system performance with real-time monitoring capabilities powered by High-LINK®



# Water Storage & Pressure Vessels

## HighDRO® Water Tanks

HighDRO® Water Tanks were developed by Highland Tank to satisfy an ever-increasing need for the safe and sanitary storage of water. HighDRO® Tanks are atmospheric storage tanks designed specifically for storage of potable water, fire protection water, wastewater, and rainwater. They are manufactured for a wide range of municipal, commercial, institutional and industrial applications



## HighDRO® Water Systems

HighDRO® -Pure Rainwater Harvesting Systems collect, treat, store, and reuse rainwater, providing a sustainable and reliable alternative water source that helps reduce stormwater runoff and dependence on domestic water. Our HighDRO® -Clear Greywater Recycling System provides a reliable source of recycled water for irrigation and other secondary applications.



## Specialty ASME Pressure Vessels

Highland Tank produces a wide variety of custom ASME pressure vessels for many applications including municipal, commercial, and industrial applications.





## HighDRO® Water Tanks

HighDRO® welded steel tanks can satisfy most water and wastewater storage applications. Whether constructed of coated carbon steel or stainless steel, rugged and reliable HighDRO® Tanks are inherently resistant to almost all environmental threats as well as corrosion. Unlike concrete or plastic storage tanks, even those reinforced with fiberglass, HighDRO® Tanks are 100% recyclable.

HighDRO® water tanks can be installed aboveground or underground.

Due to their shop fabricated design, HighDRO® Tanks offer a great number of advantages over field fabricated tanks.

Highland Tank's potable and nonpotable water storage tanks are an effective and economical way to store water for commercial, industrial, and municipal applications. Critical facilities are often required to develop Emergency Water Supply Plans which includes a need for water for consumption and essential care activities as well as water for equipment and sanitary purposes. Highland Tank emergency services storage systems can provide safe and secure water supplies for these facilities to maintain operations during emergencies.





# ASME Pressure Vessels



Highland Tank produces a wide variety of custom ASME pressure vessels for many applications including municipal, commercial, and industrial applications. These vessels can be customized with saddles, mounts, legs, ring bases, and many accessory options.

## Fire Protection

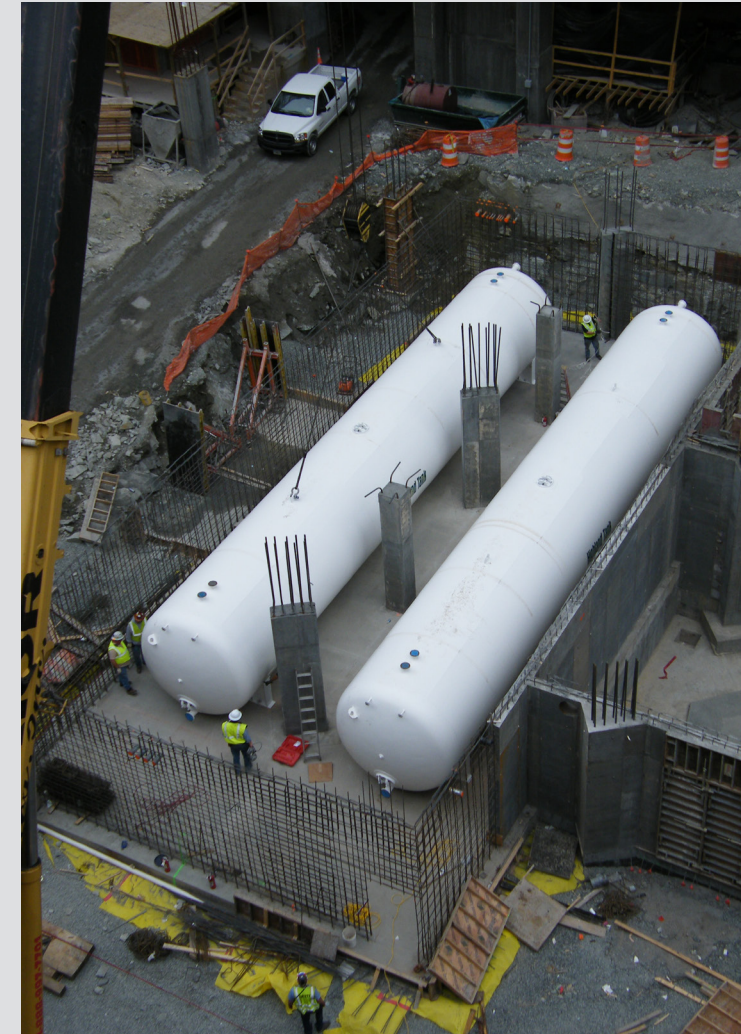
Fire protection tanks are hydropneumatic water storage tanks designed for use in fire protection systems. These ASME pressure vessels are required by fire codes in many commercial, industrial, and institutional buildings for use with automatic sprinkler systems for fire suppression. Fire protection vessels are designed, fabricated, tested, inspected, and installed in accordance with the National Fire Protection Association NFPA Standard No. 22, "Water Tanks for Private Fire Protection."

## Hydropneumatic Tanks

Hydropneumatic tanks are ASME vessels that contain both water and air under pressure. The compressed air acts as a cushion that can exert or absorb pressure as required. A small air compressor may be used to replenish the air volume periodically as it is absorbed into the water. Large hydropneumatic tanks are usually horizontal with volumes of 2,000 gallons or more. Normal operating pressure for a water system is 60 to 75 psi. Therefore, common design pressure for a hydropneumatic tank is 100 psi. Hydropneumatic tanks provide an adequate "quick demand" water supply and help regulate proper system pressure range, both necessary for the efficient operation of a water supply system.

## Chlorine Contact Tanks

Chlorine contact tanks are typically used with chlorine injection equipment in a well water system to help comply with strict drinking water standards. Chlorine contact tanks are designed to the working pressure of the existing or new water distribution system. Sizing is based on the site restrictions, available pumping rate, and a minimum required chlorine contact time.



# Specialty ASME Pressure Vessels



Highland Tank specializes in various ASME Code and non-code pressure vessels customized to meet your needs. Our comprehensive capabilities offer the accuracy, efficiency, control and convenience to single source your vessel and tank fabrication needs. We can design, engineer, and fabricate built-to-order vessels or tanks necessary for the successful operation of your facility. Additionally, we have the capability to perform complex engineering analysis required for code and non-code, carbon and stainless steel fabrication.

Highland Tank offers a high-quality, extensive line of specialty ASME pressure vessels that includes:

- Thermal Energy Storage Tanks
- Buffer Tanks
- Break Tanks
- Heated & Chilled Water Tanks
- Air Receiver Tanks
- Boiler Blowdown Tanks
- Knockout Drums
- Slug Catchers
- Surge Tanks

Highland Tank leads the industry in state-of-the-art vessel and tank technology. At Highland Tank you will find an experienced engineering staff equipped to answer your questions and offer engineered designs tailored for unique applications.





## Rainwater Systems

### Turnkey Systems for Your Needs



#### Benefits

- Saves water consumption costs
- Reduces demands on municipal, surface or ground water supplies
- Protects the integrity of local waterways by reducing non-point source pollution
- Beneficial for cleaning purposes as less detergent is needed
- Good for irrigation as water is free of salts and man-made pollutants
- Reduces flooding and erosion

Highland Tank's HighDRO® -Pure rainwater harvesting systems are the most complete rainwater recycling systems on the market. We will custom design and build a system to suit your project needs.

#### Features

- Unlimited storage capabilities
- Efficient, streamlined treatment process
- Low energy consumption per gallon treated
- Influent flow rates to 6,000 GPM
- Distribution flow rates from 5 to 300 GPM

Rural, domestic, commercial and industrial consumers throughout the country are now choosing HighDRO® -Pure Rainwater Harvesting Systems for economic reasons as well as environmental concerns.



Monitor your rainwater system performance with real-time monitoring capabilities powered by High-LINK®



# Highland Tank®





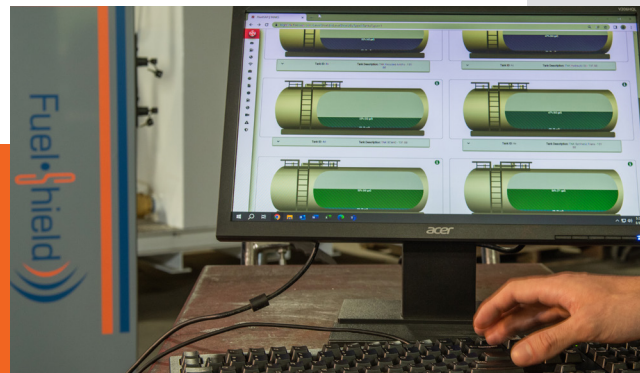
Fuel Inventory & Dispensing  
Fleet Management  
Oil/Water Separator Monitoring  
Water System Monitoring  
Grease Interceptor Monitoring

#### Benefits of High-LINK® Technologies:

- Analyzes data in real time
- Authorizes vehicles, equipment, and operator for fuel dispensing
- Eliminates fraud and fueling errors
- Reduces maintenance cost and system down-time with predictive maintenance
- Optimizes fuel consumption
- Verifies physical delivery
- Customizable reports available
- Audible and visual alarms

## Oil/Water System Monitoring

The High-LINK® wastewater monitoring system keeps your operation running smoothly and efficiently, providing remote, real time cloud-based monitoring of system, and sending automatic alerts.

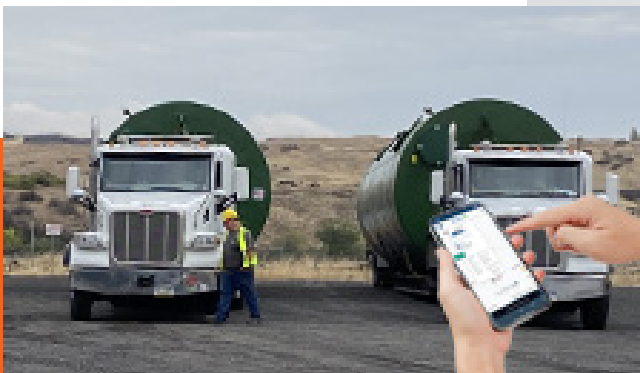


## Fuel Inventory & Dispensing

High-LINK® is cloud-based monitoring and management software that provides in-depth views of day-to-day operations. It includes extensive alerting capabilities and automated, customizable reporting features that help you keep an eye on daily operations, from anywhere, at any time, on any device.

## Water System Monitoring

The High-LINK® water monitoring system provides real time monitoring of rainwater collection, storage, and reuse to ensure that the system is operating effectively.



## Fleet Management

The High-LINK® fleet management system provides cloud-based, real time monitoring of fleet logistics and maintenance, monitoring asset location and activity, providing GPS tracking for route planning, vehicle geofencing and location verification.

## Grease Interceptor Monitoring

The High-LINK® grease monitoring system safeguards operations and supports preventative maintenance by tracking levels of fats, oils, grease, solids, temperature, and pH in PGIs and large MGIs.



# High-LINK® Technologies





# Trust in our People

The exceptional quality of our tanks starts with the pride we take in our craftsmanship, expertise, and service. Our team of professionals is dedicated to designing and delivering customized solutions for all types of applications.



# From Design to Delivery

From design to delivery, Highland Tank stands by our products. We have our own fleet of trucks and team of professional drivers with decades of experience in making safe and reliable deliveries. We appreciate our partners' investments in our products and treat their delivery with the same care and respect that we give to the rest of our process. Our dedicated team ensures that each tank and turn-key solution we deliver is of unparalleled quality and craftsmanship.





# Committed to Excellence

At Highland Tank, we strive to deliver world-class, custom-built tank solutions to our customers. We meet your needs by relying on proven manufacturing processes while offering innovation and sustainability not found anywhere else in the tank industry. The technology and engineering invested in our products are unparalleled, so we stand behind each tank with full confidence.







Alaska

Canada

Los Angeles

Hawaii

Dallas

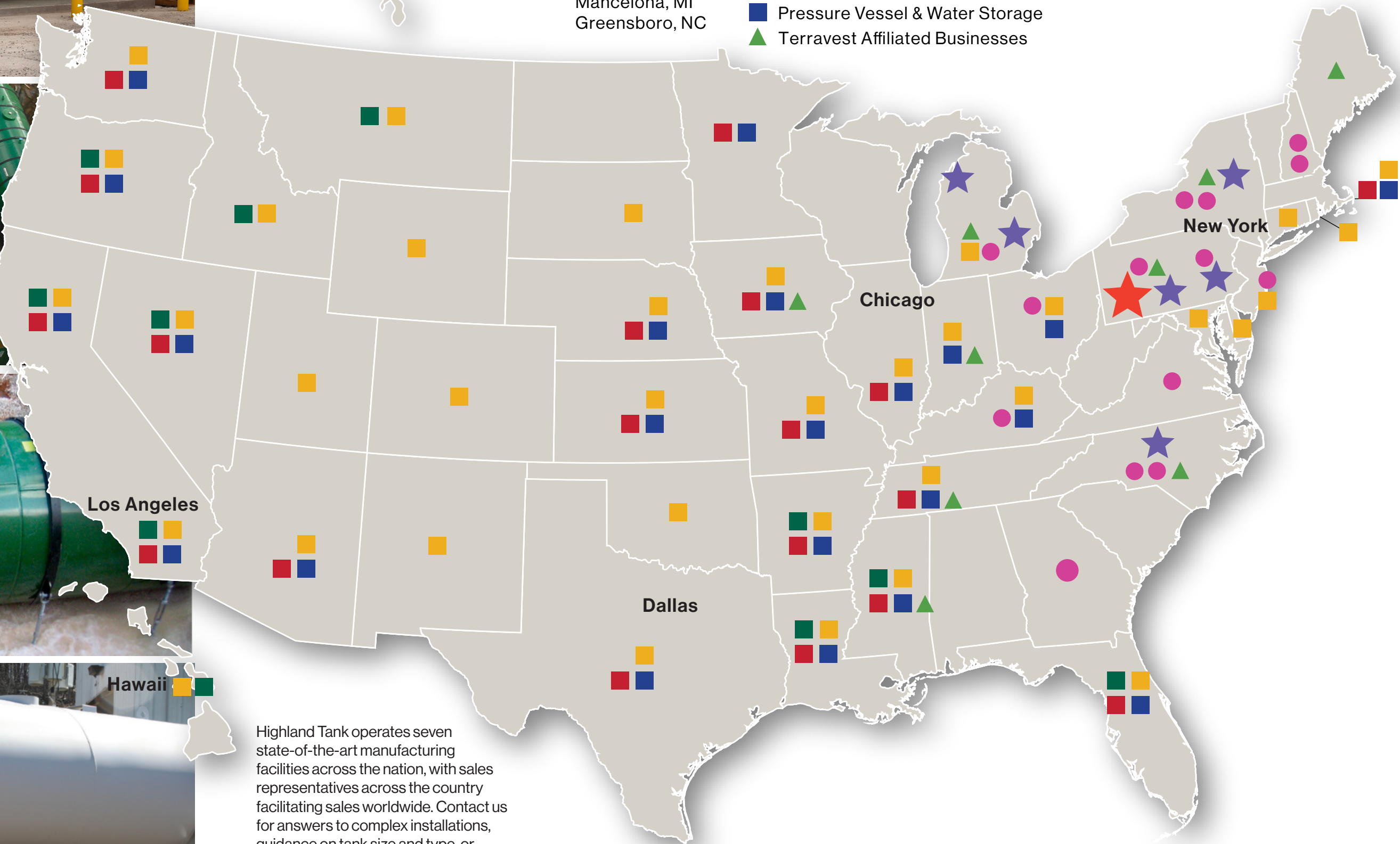
Chicago

New York

- ★ Headquarters: Stoystown, PA
- ★ Plant Locations: Manheim, PA  
Friedens, PA  
Watervliet, NY  
Clarkston, MI  
Mancelona, MI  
Greensboro, NC

- Sales Managers
- Sales Representatives:
  - Petroleum Chemical Storage
  - Wastewater Treatment
  - Grease Removal Systems
  - Pressure Vessel & Water Storage
  - ▲ Terravest Affiliated Businesses

# Locations



Highland Tank operates seven state-of-the-art manufacturing facilities across the nation, with sales representatives across the country facilitating sales worldwide. Contact us for answers to complex installations, guidance on tank size and type, or information on our products. Our team is ready to assist.

## Committed to Serving our Partners





**1946**  
Highland Supply Co.  
is incorporated in  
Stoystown, PA

**1960**  
Purchased  
second facility  
and expanded  
operations to  
Manheim, PA

**1988**  
Expanded  
operations to  
Watervliet, NY

**1994**  
Expanded  
operations to  
Greensboro,  
NC

**2001**  
Expanded  
operations  
Friedens, PA

**2019**  
Expanded  
operations  
Mancelona &  
Clarkston, MI

**2023**  
Joined the  
TerraVest  
family of  
companies

**1953**  
William Jacob  
purchased the  
business

**1986**  
Oil Water Separator  
patent filed, expanding  
product line from  
petroleum tanks

**1994**  
Began  
manufacturing  
STI licensed  
FIREGUARD®

**2001**  
Began  
manufacturing  
Grease  
Interceptors

**2010**  
Began  
manufacturing  
Rainwater  
Harvesting  
product line

**2021**  
Company  
Anniversary



# Our History

**75 YEARS**  
1946-2021



**Highland Tank®**



# Unmatched Quality & Service Since 1946

Working with Highland Tank means choosing a partner who recognizes the significance of reliability, durability, and precision. We go beyond manufacturing tanks; we establish trust. Our team strives to provide the distinctive Highland Tank experience, where tradition seamlessly merges with innovation.



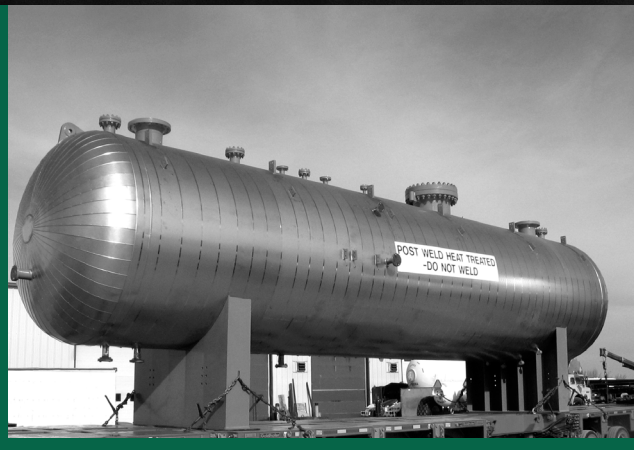


# Highland Tank<sup>®</sup>

Part of the  
TerraVest  
Industries  
Group

# TerraVest<sup>®</sup>

INDUSTRIES



## Stronger Together

TerraVest Industries is a diversified industrial company that sells goods and services to a variety of end markets. As a prominent industry leader, TerraVest specializes in the production of home heating products, transport vehicles for propane, anhydrous ammonia ("NH<sub>3</sub>"), and natural gas liquids ("NGL"), as well as energy processing equipment and storage tanks. With facilities located strategically throughout North America, TerraVest is able to provide products and service regionally, nationally, and internationally.