IMPROVE YOUR BOTTOM LINE
The aboveground Aqua Tanks are manufactured from the highest quality resins with exceptional tensile strength, puncture resistance, durability and longevity. The outstanding thermal, dimensional stability, chemical resistance, and resistance to UV exposure is the best of any available geomembranes.

GSE Aqua Tanks are custom fabricated and molded to form a one piece tank that will not leak, rust, chip or corrode. Each Aqua Tank is fabricated by an experienced welder using state-of-the-art welding technology to ensure a long term containment system for your aquaculture project.

ADVANTAGE
The production of aquaculture farming can be greatly improved by utilizing a GSE Aqua Tank. The Aqua Tanks offer significant operations and cost benefits over soil, clay, concrete and steel in aquaculture applications:

- Secure water containment
- Enhanced water quality control
- Cleaning & disinfection capabilities
- Erosion protection
- Low turbidity
- Minimized pumping costs
- Consistent pond volume control
- Dissolved oxygen level control
- Smooth harvesting surface
- Rapid installation
- Low installation & maintenance cost
- Long life
- Easy repair

GSE is the world’s largest manufacturer and installer of high quality polyethylene geomembrane lining systems. We can custom fabricate your Aqua Tanks to be suitable for any application. We offer the widest range of thickness and specification designs to meet the most demanding aquaculture requirements.

CUSTOM, SAFE, COST EFFECTIVE, & PORTABLE
GSE Aqua Tanks are custom built, cost-effective, portable, and safe way to store water for a wide range of aquaculture, agricultural and industrial applications.

GSE Fabrication Facility
WATER CONTAINMENT

As clean water becomes more expensive to acquire and the cost to pump water increases, the need for secure water containment grows. Efficient operation of any aquaculture facility requires consistent water volumes, high water quality, and low operating costs. Additionally, location of aquaculture facilities, like other food producing facilities, has become more difficult as concerns about clean surface water and groundwater resources grows.

INSTALLING A GSE AQUA TANK IS THE SOLUTION. GSE geomembranes not only have extremely low permeability rates to help keep pond water volume consistent, it also keeps waste product contained and prevents the intrusion of groundwater borne pollutants from entering aquaculture ponds.

WATER QUALITY CONTROL

Our high quality geomembranes contain no additives or chemicals which can leach out and impact water quality or harm animal life. GSE Aqua Tanks can be repeatedly cleaned and disinfected with no decrease in the geomembrane performance. The result is improved water quality, allowing for higher crop densities, healthier crops due to greater dissolved oxygen levels and improved feed conversion ratios. This produces better tasting product and improves profit potential.

DISEASE AND MICROBIOLOGICAL CONTROL

While diseases cannot be eliminated, lined ponds reduce their occurrence. They also assure rapid and dependable recovery because the geomembrane can be cleaned, disinfected and returned to service within days. GSE geomembranes are resistant to microbiological attack and growth. The surface cleans easily and thoroughly to give you a better control over your operations.

CROP QUALITY

With more consistent, better quality water, your aquaculture product grows more quickly, is healthier and tastes better. By using GSE Aqua Tanks on your project, your overall operation is more efficient and produces a higher quality product.

Call GSE and let one of our fabrication experts help you custom fabricate the right Aqua Tank for your project.