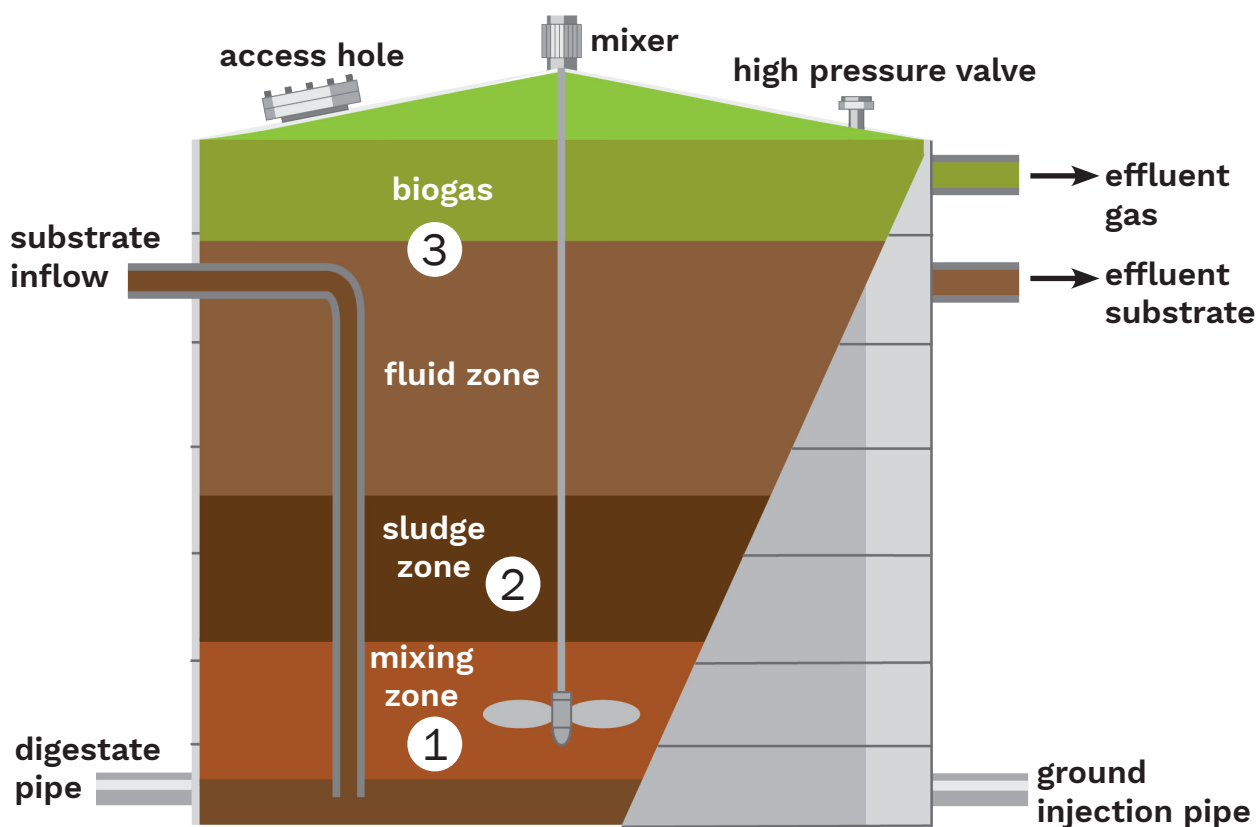




Product Spotlight: Anaerobic Digester Tanks

American Structures specializes in the manufacture of many different types of tanks, including anaerobic digester tanks, which can be used to create renewable sources of energy via the process of anaerobic digestion. What is anaerobic digestion? Anaerobic digestion is the process in which organic biodegradable material, such as animal waste, food waste, agricultural waste and wastewater sludge, is broken down by microorganisms in the absence of oxygen.



Anaerobic Digestion Steps

- 1.** The biodegradable waste enters the tank and is mixed
- 2.** In the sludge zone, the waste is digested by micro-organisms
- 3.** Biogas (methane) is released from the fluid created during the previous step

Product Spotlight: Anaerobic Digester Tanks (Continued)

Below are some of the anaerobic digester tanks American Structures, Inc. has manufactured and assembled.



Where: Brownsville, WI
Capacity: 244,400 Gallons



Where: Bloomfield, PA
Capacity: 199,020 Gallons

What's New

American Structures, Inc. recently completed a project in Troy, Indiana. Originally, American Structures, Inc. was to replace the steel panels on a glass-lined tank with stainless steel panels. Instead, the entire tank was replaced with a bolted stainless steel tank. Within a week, American Structures, Inc. had disassembled the old tank and assembled the new tank onsite, making for a quick turnaround and a happy customer!



Did You Know?

The popular kitchen appliance, Instant Pot, utilizes stainless steel for many of its components. The removable inner cooking pot and steam rack are made of food grade 304 (18/8) stainless steel compliant with FDA standards, and are dishwasher safe. American Structures, Inc. has manufactured tanks with food grade 304 stainless steel for potable water storage. Stainless steel is commonly used in food processing because of its ability to meet or exceed FDA standards.

