



WIESER CONCRETE PRODUCTS, INC.

CONNECTIONS

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# As Featured In.....

Included in the June 2011 edition of **Onsite Installer** is a feature article about a project in Ohio that included several large tanks produced and delivered by **Wieser Concrete**.

These tanks were installed at the **Flying Horse Farms Children's Camp** in Mt. Gilead, Ohio. The system was designed to handle 10,000 gpd and included the following pre-cast tanks:

- 1-5000 Gallon Trash Tank
- 1-20,000 Gallon Equalization Tank
- 1-12,000 Gallon Main Treatment Tank
- 1-9,000 Gallon 9.0 Bio Ready Tank
- 1-20,000 Gallon Dosing Tank
- 1-2400 Gallon 9.0 Bio Ready Tank

### Riding High

An installation for a children's camp meets challenges posed by high groundwater using ATUs with a pressure-dosed drainfield

*By Scottie Dayton*

**Site conditions**  
The site was heavily glaciated soil with precipitation rates of 5.13 gallons per square foot per year with the top 18 inches below grade. The wooded drainfield area has a 1 to 1.5 percent slope.

**System components**  
Herlinger designed the system to handle 10,000 gpd. Major components include:  
• 12,000-gallon fiberglass lift station and wet cell (SFP) submersible with duplex discharge.  
• 1,500 feet of 2-inch main line from drainfield.  
• 1,200 feet of 2.5-inch main line from drainfield.  
• 28,000 feet of 1.5-inch 1.0-inch pressure-compensating drip tubing, 20 gpm hydrojet in tank with non-backwashing filter and PFC-dye combination pump, control panel with Web-based alarm.

**System Profile**

<b>Location:</b>	Mt. Gilead, Ohio
<b>Facility served:</b>	Flying Horse Farms Children's Camp
<b>System designer:</b>	Arnie Herlinger, P.E., Arnie's Civil Design Inc., Columbus, Ohio; Joe Kiser, P.E., Graydon Inc., Cincinnati, Ohio
<b>Contractors:</b>	Rich Burt, Synthes Construction and Excavating, Cincinnati, Ohio
<b>Site conditions:</b>	Glacial till, precipitation rate 5.13 gallons per square foot per day with the top 18 inches, water table 24 inches below grade
<b>Type of system:</b>	Final effluent drip treatment discharging to 50' diameter
<b>Hydraulic capacity:</b>	10,000 gpd

**System operation**  
Wastewater goes back through lift and 12-inch PVC sewer main to the lift station, then is pumped to the septic tank and flows through a 100' flow valve (American Manufacturing). When the camp is active, the water is on a high flow, sending effluent by gravity through the primary treatment system. During the off season, the water is set to low flow, sending liquid by gravity through the media ATU to the drip field tank.

In the primary system, effluent flows from the septic tank to the equalization tank, then to the aeration tank in which air regeneration blowers send large volumes of air to six submerged aeration and mixing diffusers. 6 return to the aeration tank.

## Celebrating June Dairy Month

June is Dairy Month and being from America's Dairyland, Wisconsin, we are proud to celebrate the amazing people who bring this delicious and nutritious food to our tables.



Wisconsin has 1.26 million cows on over 12,000 dairy farms. Every cow in the state generates over \$20,000

in annual economic activity. Many other businesses rely on these dairy farms to be successful including veterinarians, nutritionists, educators, and manufacturers. Wisconsin's dairy industry generates \$26.5 billion in economic impact annually and accounts for more than 146,000 jobs.

**Hats Off to Our Dairy Producers!**

## Wieser Upcoming Event Schedule

Dates	Show	Location
June 2, 2011	Karl and Marie Lettner Open Barn Event	Galesville, Wisconsin
July 12, 2011	Minnesota Cattleman's Spring Tour	Worthington, Minnesota
July 12-14, 2011	Farm Technology Days	Marshfield, Wisconsin
August 2 - 4, 2011	Minnesota Farmfest	Redwood Falls, Minnesota
August 30 - September 1,	Farm Progress Show	Decatur, Illinois
October 4-8, 2011	World Dairy Expo	Madison, Wisconsin

**WIESER CONCRETE**  
Innovation, Quality and Service Since 1965

MAIDEN ROCK—1-800-325-8456  
PORTAGE—1-800-362-7220  
FOND DU LAC—1-800-641-5937  
SPOONER—1-800-336-3416

# HOLD THE FAT, OIL AND GREASE

**R**emoving the fat, oil and grease that enters wastewater systems from restaurants and other dining establishments is essential because, left unchecked, these by-products will eventually clog sewer systems.

With more than 900,000 restaurants and other food service establishments located in North America, the need for effective pretreatment of the wastewater they generate is vital.

Precast concrete grease interceptors efficiently remove fats, oils, and greases from the waste stream by bringing the water to acceptable effluent standards before discharging it into a sanitary sewer system.

Recently, the **University of Wisconsin in Madison** needed to install a system that would process the wastewater from the kitchen in the Lakeshore Residence Hall. The solution included an **Wieser Concrete Extra Heavy Duty 18,000 Gallon Grease Interceptor** designed and produced to traffic rating

HS-20. This grease interceptor, like all **Wieser's** large tanks, was produced at our **Portage, Wisconsin** production facility. When our customer, **Hooper Corporation** of Madison, Wisconsin, had the jobsite ready for the grease interceptor installation, it was delivered as scheduled by two **Wieser Trucking** professionals and set in place by crane as shown below.

Whether you need a grease interceptor, holding tank or septic tank, **Wieser Concrete** has the right tank for your project.

**Wieser Concrete** produces tanks from 750 to 40,000 gallon. This variety assures our customers availability of all the necessary components to complete any system.

## WIESER - INNOVATIVE SOLUTIONS FOR YOUR SUCCESS!

For More Information about Precast Grease Interceptors, Visit the NPCA Website at: <http://www.precast.org/precast-concrete-grease-interceptors>

## GREASE INTERCEPTOR PROJECT

**Lakeshore Residence Hall  
University of Wisconsin  
Madison, Wisconsin**

### MAJOR PROJECT COMPONENTS:

- 18,000 Gallon Grease Interceptor
- HS20 Loading



**Above**  
Setting Bottom Tank Section



**Left**  
Setting the Top Tank Section