

# LINDAHL FARMS AG-WASTE SYSTEM

## AGRICULTURAL WASTE SYSTEM

The Lindahl's operate a dairy farm north of Center City. Prior to the installation of an agricultural waste storage system, the manure had to be land applied daily. This caused concern for the water quality of downstream water bodies, at risk from leaching and runoff of excess nutrients from the manure, especially during frozen or saturated soil conditions.

In order to provide a safe place for manure storage without the risk of contaminating water, an agricultural waste holding facility was installed next to the dairy barn. The waste from the barn can be moved from the barn directly into the holding area. The facility can store the waste for up to 9 months.

The manure can then be land applied according to an approved nutrient management plan. A nutrient management plan utilizes soil samples along with crop nutrient needs to determine the amount of and timing that manure can be applied to each farm field. Implementing this practice drastically minimizes the agricultural nonpoint source pollution of surface and ground water resources.



### Partners:

Chisago SWCD  
Landowner

### Targeted Water:

Vibo Lake

### Pollution Reduction:

Nitrogen: 65 lb/yr  
Phosphorus: 22 lb/yr  
(MinnFARM)

### Completion Date:

October 2013

### May I Visit?

No. This project is located on private property. The project can be seen from County Road 9.

