

# Deardorff

FAMILY FARMS

Sustainable Farming for a Healthier Life!

DEARDORFF  
FAMILY FARMS  
IS COMMITTED TO

*sustainable  
sites*



## About

The old adage is “location, location, location”. To us, that means a location that protects farmland, improves local neighborhoods and protects the environment. The LEED process agrees with us and we were awarded points for our infill project, bioswale, and use of materials that reduce “heat islands”.



## Bioswale

**90%** OF STORM  
WATER  
captured by bioswale

## Heat Island

**70%** OF EXTERIOR  
SURFACES  
contributes to reducing heat island

## Infill Project

**20** ACRES  
of farm ground preserved

## INFILL PROJECT

Can you recycle a building? We did. We found a dilapidated factory, ground it up into pieces, and used those pieces to build a LEED certified facility on the same site - **recycling 100%** of the concrete building into our base material. By choosing an infill location we not only cleaned up a dirty site, we also preserved over **20 acres of farm ground** that would have been needed for our facility.



## BIOSWALE

A bioswale is an innovative design to naturally remove pollutants from stormwater. The system involves setting aside extra land and installing native plants with deep roots that promote infiltration by capturing and treating storm water. Our bioswale **captures 90% of storm water**, treating 80% of the solids found in that water. This means more than **2 million gallons of water** each year is filtered through our bioswale, helping to protect our local rivers, oceans, and aquifers.



## HEAT ISLAND REDUCTION

A “heat island” occurs in urban areas and results in higher temperatures than surrounding non-urbanized areas. Buildings, roads, and other infrastructure using dark and impermeable surfaces are the cause. We designed our building with materials that would reduce the heat island effect in our neighborhood. For example, over **50% of our facility** uses light colored outer wall paneling, **100% of our shipping and receiving areas** are composed of white concrete, and **over 75% of our roof** is made of highly reflective white metal.

