

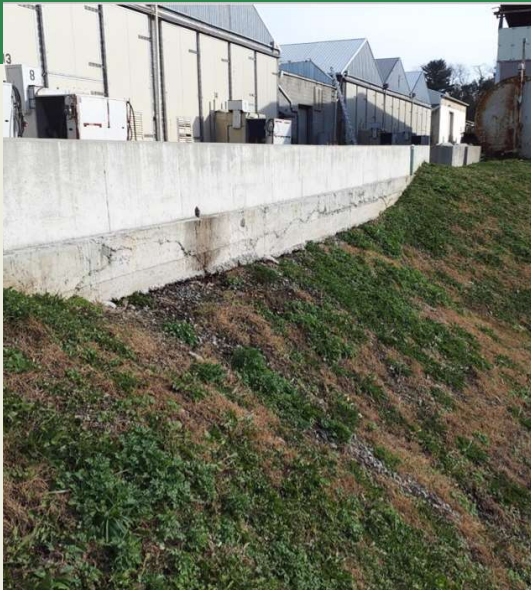
# PROJECT: MUSHROOMS

BEFORE

LOCATION: AVONDALE, PA



## PROJECT DESCRIPTION



This project involved installing Best Management Practices (BMPs) on a large mushroom operation outside of Avondale, PA. The farm produces fresh Mushroom Substrate (MS) and consists of over 30 mushroom growing houses. They reuse most of their collected wastewater to make the fresh MS, but also utilize a spray irrigation field to treat some of the excess wastewater. The farm had a need to expand their wastewater storage capacity as well as collect additional runoff from the loading wharves around the farm. Consequently, a 112' x 14' circular concrete tank was constructed as well as concrete curbing, drop boxes, and waste transfer piping.

## RESOURCE CONCERNS

- Lack of appropriate manure storage capacity.
- Uncollected runoff from loading wharf areas.



# PROJECT: MUSHROOMS

AFTER

COMPLETION DATE: DECEMBER 2018



## SERVICES PROVIDED

- Mushroom Farm Environmental Management Plan (MFEMP) Development
- Design/Engineering
- Project Bidding
- Construction Checks/Certification
- Project Management



## BEST PRACTICES INSTALLED

- New circular concrete manure storage tank
- Concrete curbing with drop boxes
- Waste transfer piping around the loading wharves

CONSTRUCTION COST: \$175,000