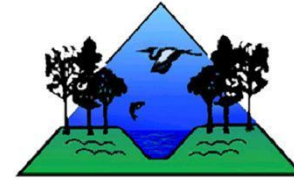


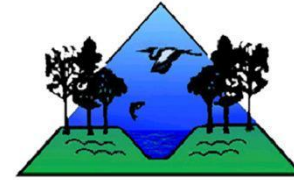
Lititz Run Watershed Alliance



Membership

- Local Municipalities
- School District
- Environmental Groups
- Industry/Commercial Businesses
- Senior Corps
- Farmers/Agricultural Community
- Trout Unlimited
- Conservancy

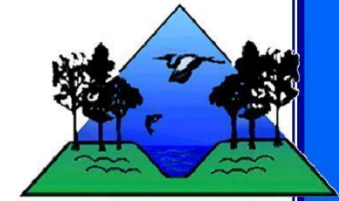
Lititz Run Watershed Alliance



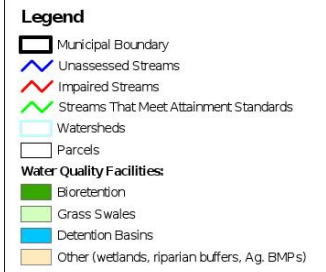
Comprehensive Watershed Management Plan

- Storm Water Management
- Stream Restoration
- Wetland Creation
- Agricultural Best Management Practices (BMPs)
- Residential
- Industrial
- Recreation
- Wildlife Habitat
- Wellhead Protection

Lititz Run Watershed Alliance

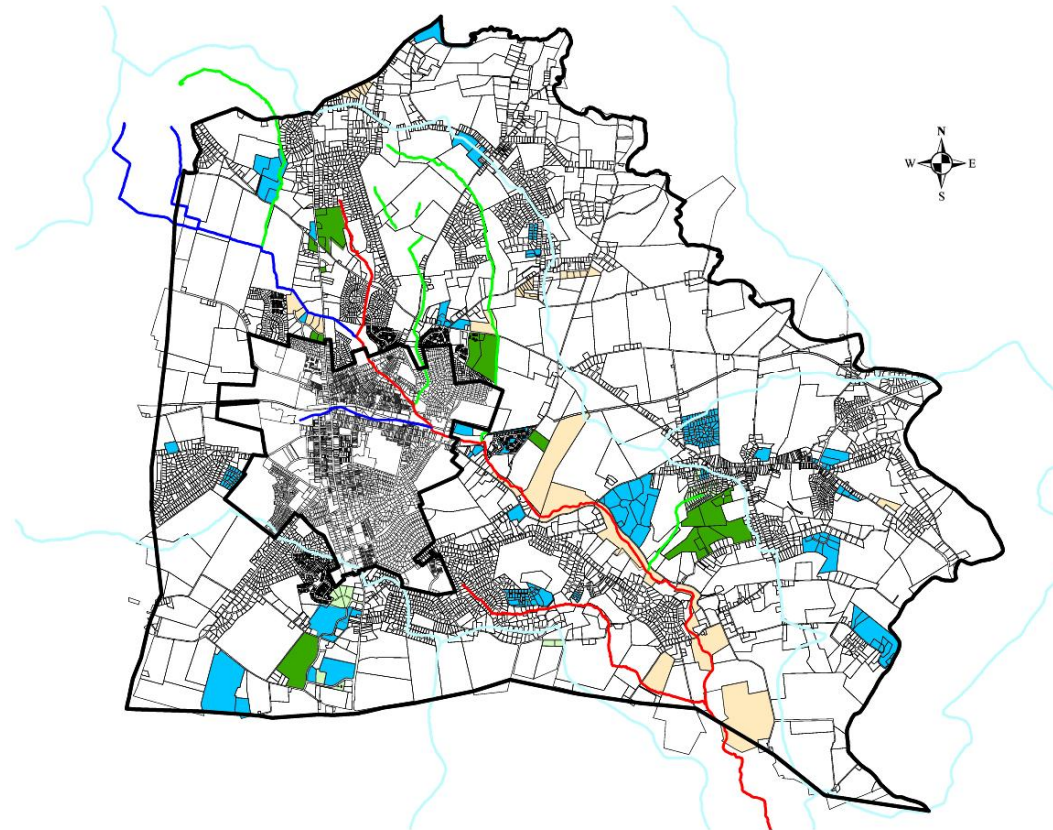


Lititz Run Watershed Water Quality



Source: Data for this map was compiled from the Lancaster County GIS Department's 2009 parcel data

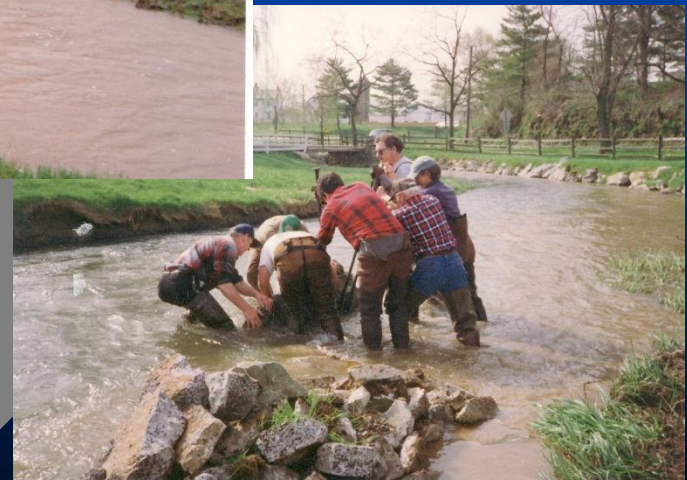
(approximate) Scale - 1 inch = 3500 feet



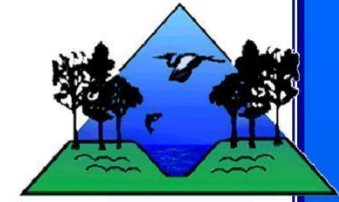
Lititz Run Watershed Alliance



- Projects within the Lititz Run Watershed began in 1991 with improvements to the Ed Hess Farm.

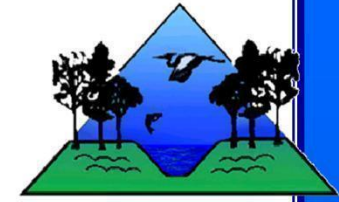


Lititz Run Watershed Alliance



Ed Hess Project – during and after (2009)

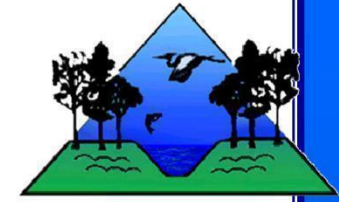
Lititz Run Watershed Alliance



- The Art Hess improvement project began in 1994.

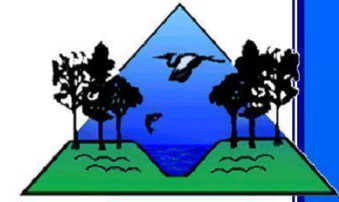


Lititz Run Watershed Alliance



Art Hess Project – the top photos are same area before (1995) and after (2009). Note the log along the stream.

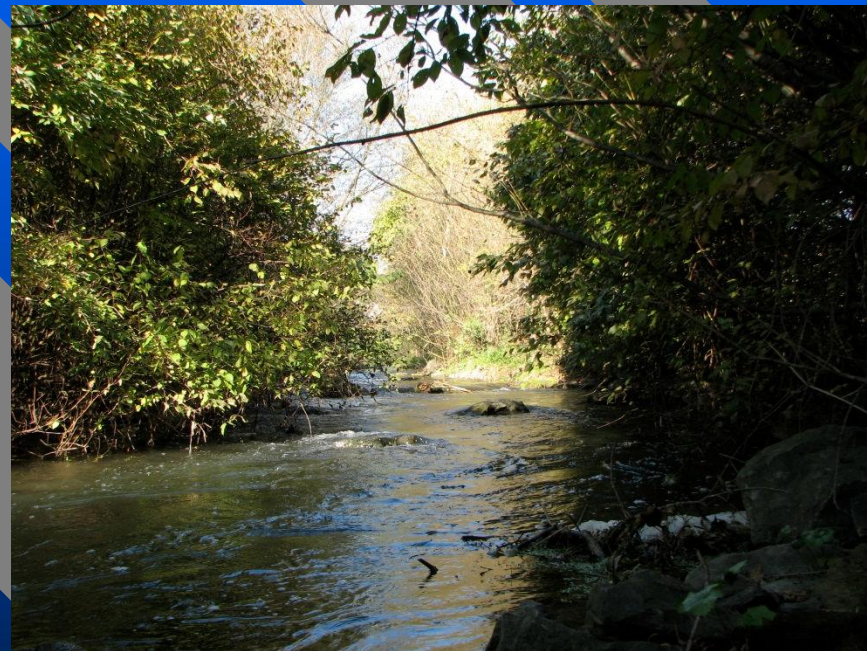
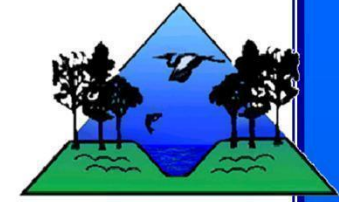
Lititz Run Watershed Alliance



- The Millport Conservancy project began in 1994 and included bog turtle habitat, wetland creation in 1996, a tree nursery in 1997, and dam removal in 1999.



Lititz Run Watershed Alliance



Millport Conservancy - Phase I completion
the bog turtle habitat is lower-left photo

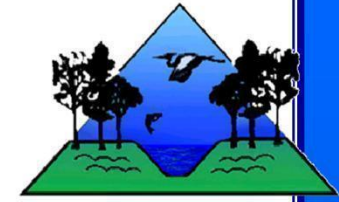
Lititz Run Watershed Alliance



- The Riparian Park project, located below the Lititz Wastewater Treatment plant, included a wetland area and tree planting.



Lititz Run Watershed Alliance



Riparian Park Project

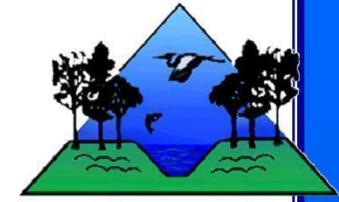
Lititz Run Watershed Alliance



The Millport Conservancy tree nursery



Lititz Run Watershed Alliance



- In 1997, improvements along the Lititz Run included Lititz Borough



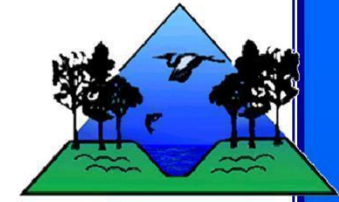
Lititz Run Watershed Alliance



- Another farm project began in 1998. The Baum farm included stream bank fencing and cattle crossing.

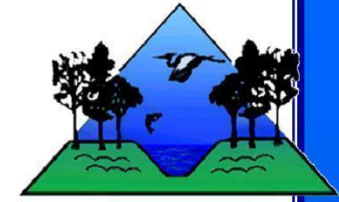


Lititz Run Watershed Alliance

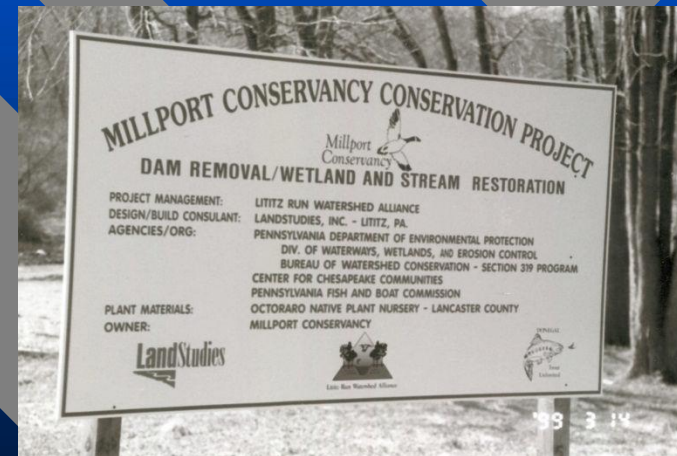


Baum farm in 2009 – note cattle crossing in top-left photo

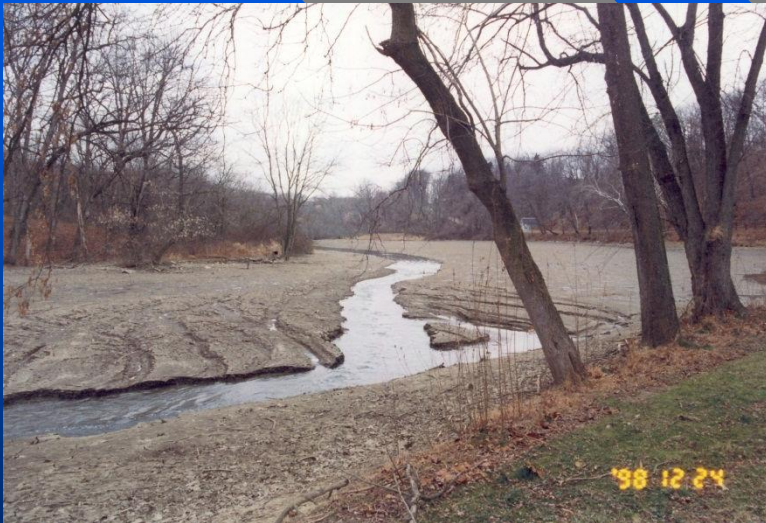
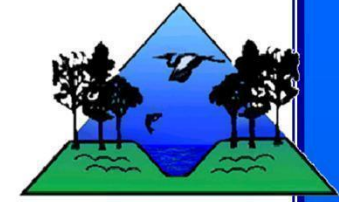
Lititz Run Watershed Alliance



- The Millport Conservancy dam removal project allowed the Lititz Run to flow in its original stream channel once again.

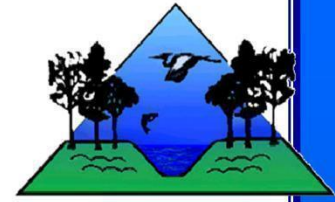


Lititz Run Watershed Alliance



Millport Conservancy - Lititz Run Stream channel
before (1998) and after (2009)

Lititz Run Watershed Alliance

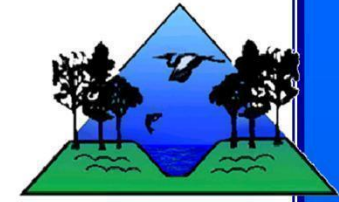


- The Banta project began in 2004 and included stream bank improvements, as well as wetlands and tree planting.



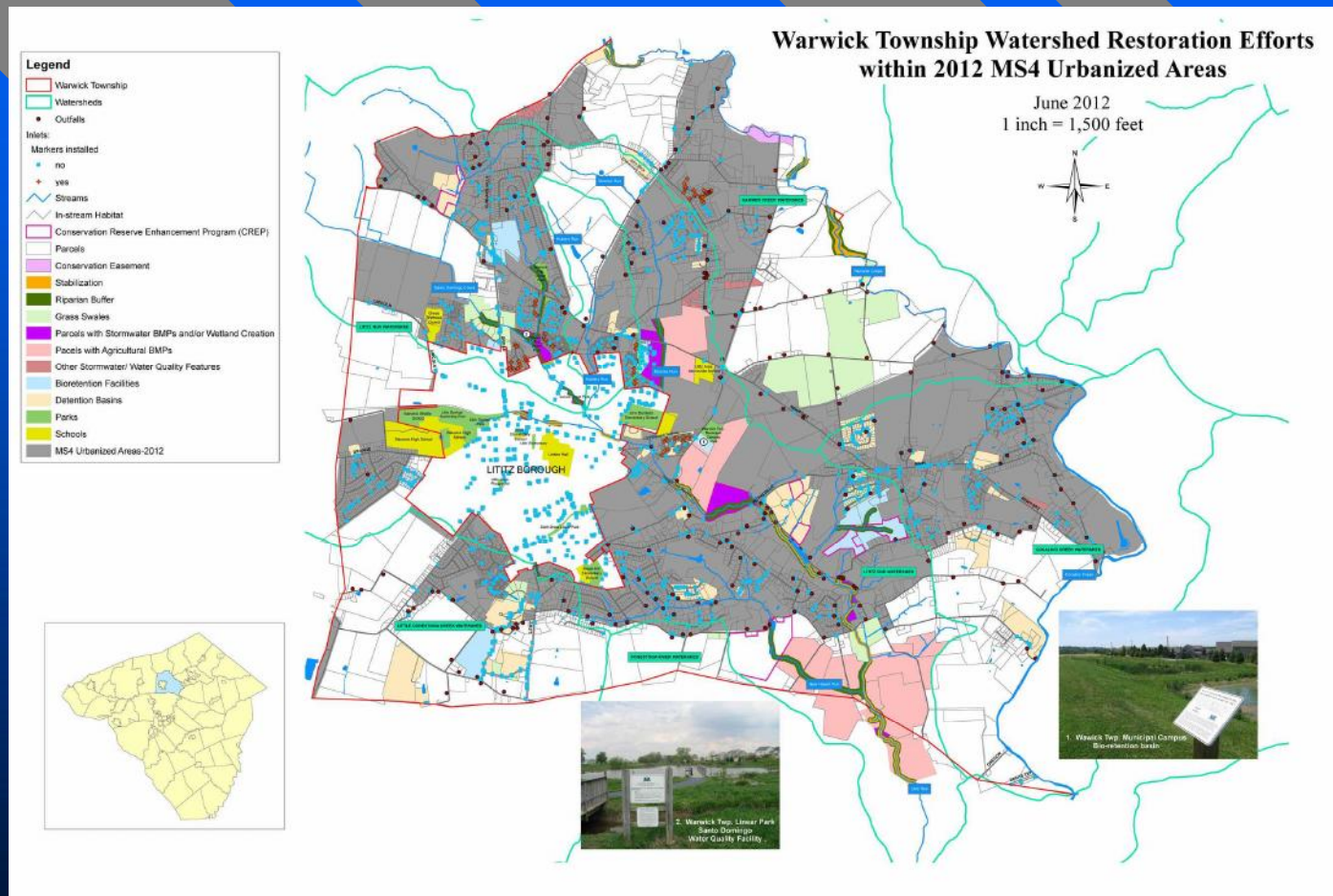
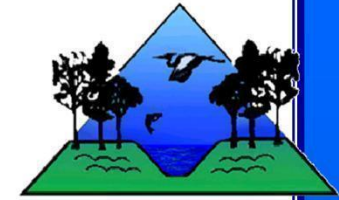
(This guy was literally stuck in the muck!)

Lititz Run Watershed Alliance



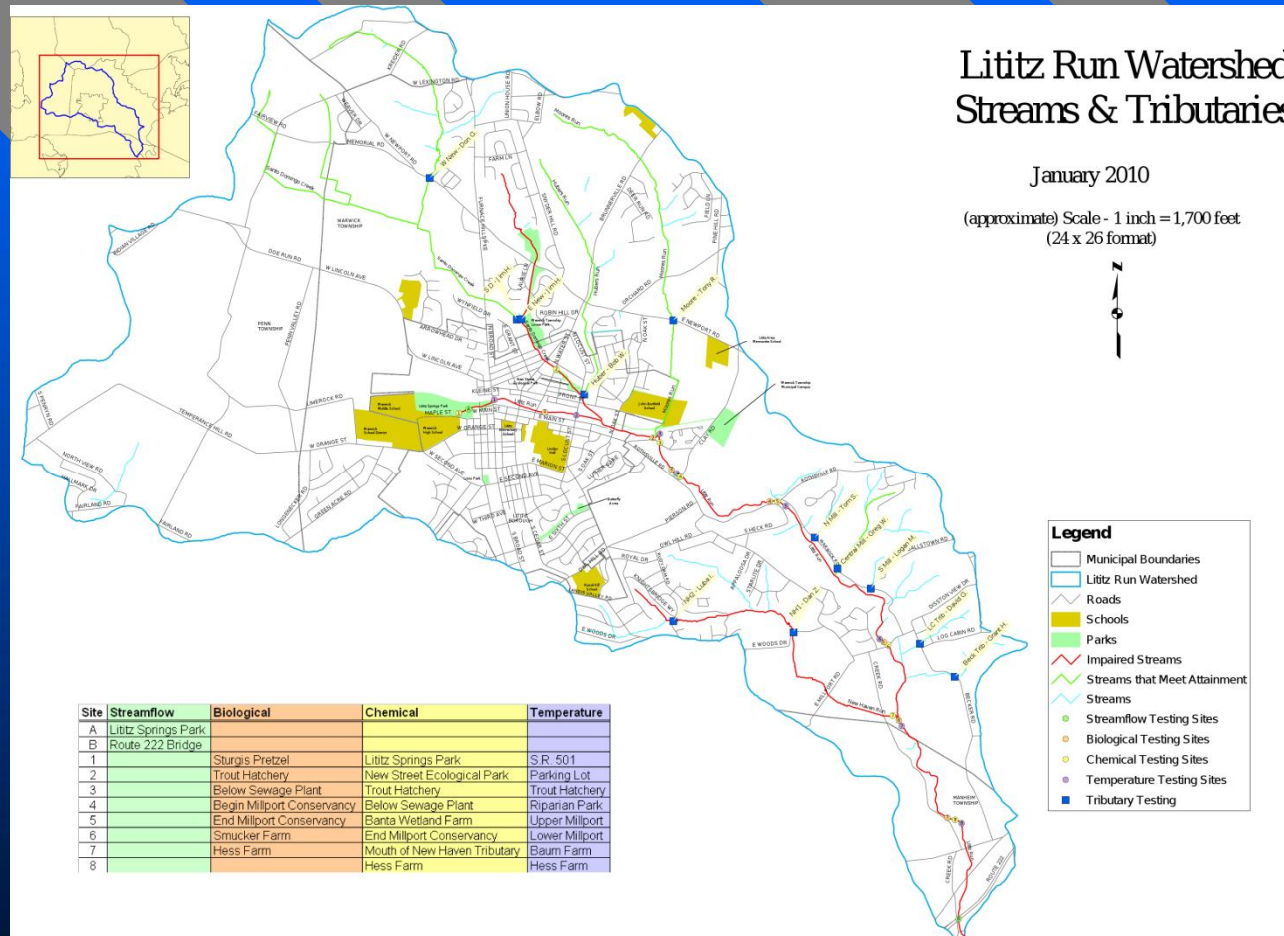
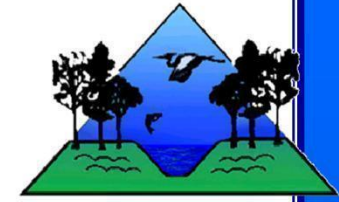
The Banta Project during work in 2004, and
after the project in 2009.

Lititz Run Watershed Alliance



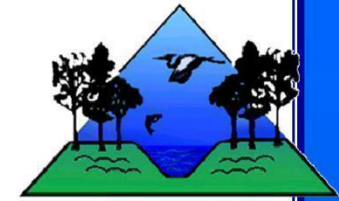
“A Community Improving its Water Quality”

Lititz Run Watershed Alliance

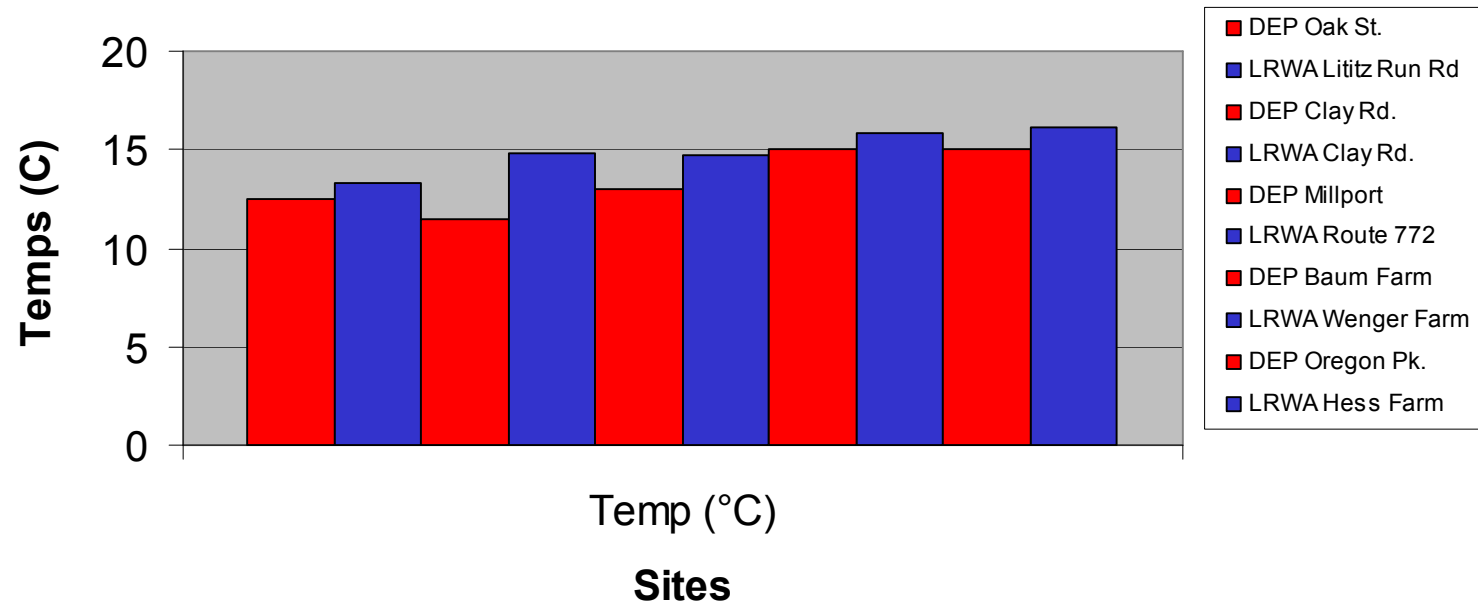


“A Community Improving its Water Quality”

Lititz Run Watershed Alliance

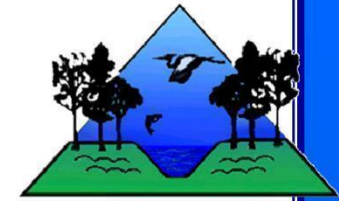


**Temperature Data:
1979 DEP (red) vs 2009 LRWA (blue)**

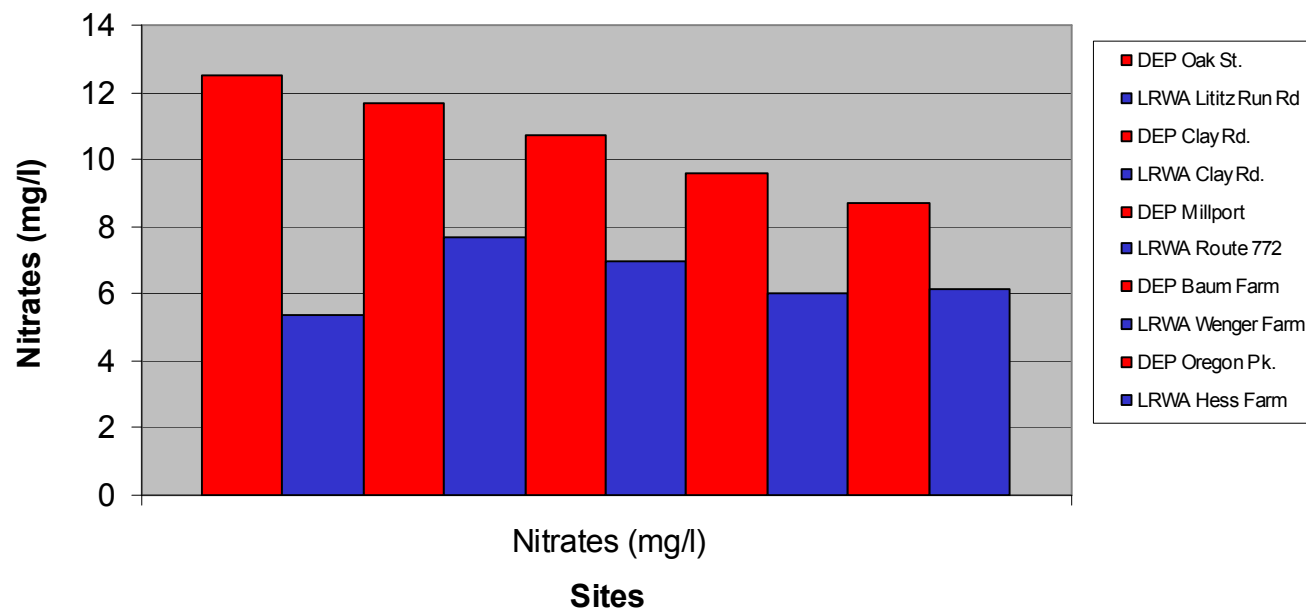


“A Community Improving its Water Quality”

Lititz Run Watershed Alliance

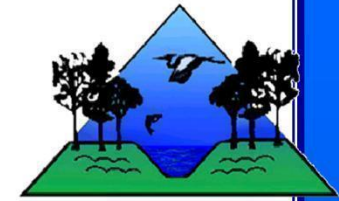


**Nitrate Data:
1979 DEP (red) vs 2009 LRWA (blue)**

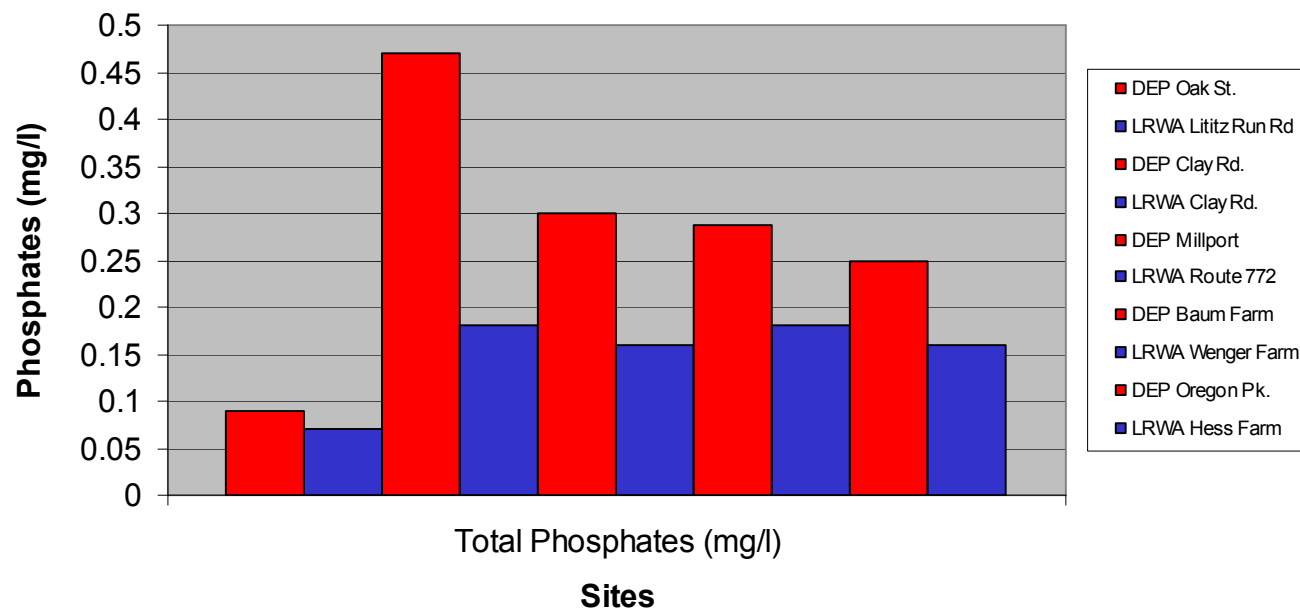


“A Community Improving its Water Quality”

Lititz Run Watershed Alliance



**Phosphate Data:
1979 DEP (red) vs 2009 LRWA (blue)**



“A Community Improving its Water Quality”