



**LANCASTER COUNTY  
CONSERVATION DISTRICT**

House Agriculture and Rural  
Affairs Committee  
November 20, 2019

*Conserving Natural Resources for Our Future*

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### Conservation Ethic In Pennsylvania

- On May 15, 1945 Act 217  
Conservation District Law
- June 22, 1937 Act 394 The  
Clean Streams Law



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### Conservation Ethic In Pennsylvania



The first conservation "law"  
in Pennsylvania was  
established 1681.

As William Penn began  
making plans to settle his  
newly acquired land,  
deeded to him by King  
Charles the II, he required  
purchasers of land to sign  
an agreement to preserve  
one acre of trees for every  
five acres of land they  
cleared.

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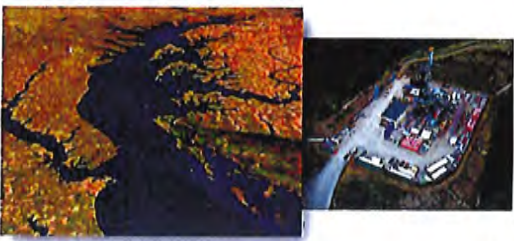
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### Drivers for Conservation



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### 1960-1970 Drivers for Conservation



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### Conservation Ethic In Pennsylvania

- On May 15, 1945 Act 217 Conservation District Law
- June 22, 1937 Act 394 The Clean Streams Law
- 1971 Pennsylvania Constitution. Article I, Section 27  
*"The people have a right to clean air, pure water, and to the preservation of the natural, scenic, historic and esthetic values of the environment."*



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Lancaster County Conservation District

*The Mission of Lancaster County Conservation District is:*  
*"To promote the stewardship of our county's land, water, and other natural resources and to provide financial and technical assistance to those who want to implement programs which accomplish this mission"*



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Lancaster County Conservation District



**Professional Staff of 34 Administering Five Main Programs**

- Agriculture Stewardship
- Erosion and Sedimentation Control
- Watershed Conservation
- Conservation Education & Outreach
- Clean Water Partner Coordinator



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Lancaster County Conservation District



**2020 County Statistics & Services**

- 625,000 Acres
- 63 Municipalities
- 16 School Districts
- 12 Major Watersheds
- Strong Commercial & Industrial Sectors
- Developing Agriculture Production & Markets
- Growing Population



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### Municipal Support

**2020 County Statistics & Services**

63 Municipalities

- Endorsed MOU with each.
- Provide technical assistance.
- Facilitate grant projects



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### Environmental Education & Outreach

**2020 County Statistics & Services**

- 16 public school districts in the County:
- 143 Public and Private schools  
(includes plus-wis, charter, etc.)
- 66,594 students



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### Environmental Education & Outreach

**2020 County Statistics & Services**

- 16 public school districts in the County:
- 143 Public and Private schools  
(includes plus-wis, charter, etc.)
- 66,594 students

**Conservation Education - Classroom sessions, Youth Conservation School, Envirothon, Community and Train the Trainer events**

- Active Presence in 46 public schools
- Reaching more than 7,750 students... greater than 10%.
- 177 learning sessions to general public, residents, private schools, groups and organizations.



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### Watershed Specialist Program



**2020 County Statistics & Services**

- 12 Major Watersheds
- 1,400 miles of Streams.
  - Nearly 1/3 are listed as impaired.



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### Watershed Specialist Program





**2020 County Statistics & Services**

- 12 Major Watersheds
- 1,400 miles of Streams.
  - Nearly 1/3 are listed as impaired.

Watershed Specialist - Works to improve the quality and quantity of the county's surface and groundwater resources by providing technical, financial and organizational assistance. In 2018:

- 12 Active Watershed groups.
- 7 Stream projects totaling over 8,000 linear ft. and \$757,000 of stream work.
- Dirt & Gravel Road Program
  - Complete 9 D&G and 18 LVR projects totaling more than \$844,000.



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### Erosion & Sedimentation Control Program



**2020 County Statistics & Services**

Strong Commercial & Industrial Sectors

- 47,876 Commercial & Industrial Firms
  - Reek Litz, Lime Springs, Belmont
- Pipelines, Processing Plants & Transport



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**Erosion & Sedimentation Control Program**


**2020 County Statistics & Services**

**Strong Commercial & Industrial Sectors**

- 47,876 Commercial & Industrial Firms
  - Rock Litz, Lime Springs, Belmont
- Pipelines, Processing Plants & Transport

**Erosion & Sedimentation Control -**  
 Activities relative to new construction projects are required to utilize Best Management Practices (BMPs) to minimize negative impacts to the water quality.

- 750 Active work sites annually.
- Working with 30 builders, 76 excavators, 60 consultants.
- Atlantic Sun Rise Pipeline 59% complete
  - Gas is flowing all work by spring 2019.



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**Agriculture Support & Services**




**2020 County Statistics & Services**

**Agriculture Production & Markets**

- 68% of the land is farmed
- 5,462 Farms
  - \$1.07 Billion in direct sales.
  - \$7 Billion extrapolated sales.



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**Agriculture Support & Services**




**2020 County Statistics & Services**

**Agriculture Production & Markets**

- 68% of the land is farmed
- 5,462 Farms
  - \$1.07 Billion in direct sales.
  - \$7 Billion extrapolated sales.

**Agricultural Technical Team –** Works with conservation partnerships to provide landowners with information on Nutrient Management, Conservation Planning, Best Management Practices & Technical Assistance, as well as Funding Resources to install conservation practices.



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### LANCASTER'S WIP GOALS

- Lancaster needs to reduce 11 million pounds of nitrogen.
- 71% of current nitrogen comes from agricultural practices.
  - 74% of that nitrogen is manure.

Total Nitrogen Reductions Needed, 2018 to 2025

Scale: 1000 pounds, Unit is lbs of Nitrogen

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### Lancaster Conservation Foundation

#### Clean Water Partners

Programs, Policy, Initiatives, and Partners  
Strategies Working In Individual Sites

DISORDER & CONFUSION    INDIVIDUAL IMPACT in isolation    COORDINATED IMPACT with alignment    COLLECTIVE IMPACT with collaborative action

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### Spotted Lanternfly - *Lycorma delicatula*

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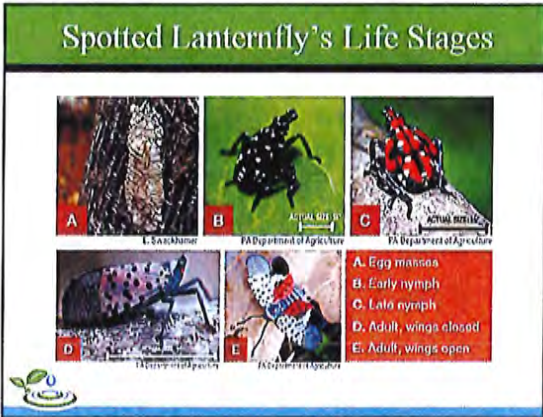
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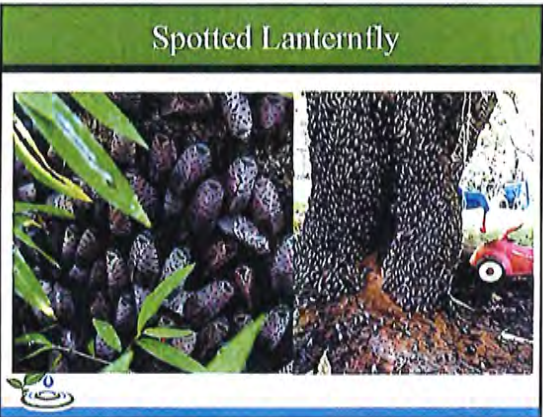
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Lancaster County Conservation District

**2020 County Statistics & Services**

**Growing Population**  
- 548,000 People  
• 211,000 homes



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Lancaster County Conservation District

**2020 County Statistics & Services**

**Growing and Diverse Population**

- 548,000 People
  - o 211,000 homes
- 47,876 Businesses
- Numerous Parks & Recreation
  - o County Parks, State Parks, Community Parks, Amusement Parks, Open Space Preserves.
  - o Rail trails, Watersports,
- Nearly 1,000 farms preserved



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Lancaster County Conservation District



- County Support - Commissioner's Allocation
- Fundraising & Donations - Tree sale, Envirothon, etc...
- Fees - E&S Plan Review, Educational programs, etc...
- Federal & State Agreements
- Grants & Agreements - 16 Active

**2020 Budget (projected) \$4,433,000.**



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**Lancaster County Conservation District**



- County Support – Commissioner’s Allocation	\$270,000.
- Fundraising & Donations – Tree sale, Envirothon, etc...	41,550.
- Fees – E&S Plan Review, Educational programs, etc...	584,225.
- Federal & State Agreements	1,873,122.
- Grants & Agreements – 16 Active	1,664,103.
<b>2020 Budget (projected)</b>	<b>\$4,433,000.</b>



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**Lancaster County Conservation District**



**Requested County Investment for 2020**

- Commissioner’s Allocation \$270,000
- County’s Population – 548,000
- Cost - \$0.49 per County resident



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**Lancaster County Conservation District**




**Requested County Investment for 2020**

- Commissioner’s Allocation \$270,000
- County’s Population – 548,000
- Cost - \$0.49 per County resident

**ROI**

- Budget for 2020 \$4,433,000.
- LCCD generates about \$16.00 - for every \$1.00 received from the County.

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**Lancaster County Conservation District**

**Requested County Investment for 2020**

- Commissioner's Allocation \$270,000
- Cost - \$0.49 per County resident

**ROI**

- Economic stimulation (\$16 to \$1)
- Targeted efforts to improve local stream health.
- Technical & Financial assistance to the Ag community.
- Supporting Municipality and Ag communities to meet DEP & EPA goals and objectives.
- Proactive interfacing with DEP & EPA regarding compliance issues.



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