

# Stroud Farm Stewardship Program





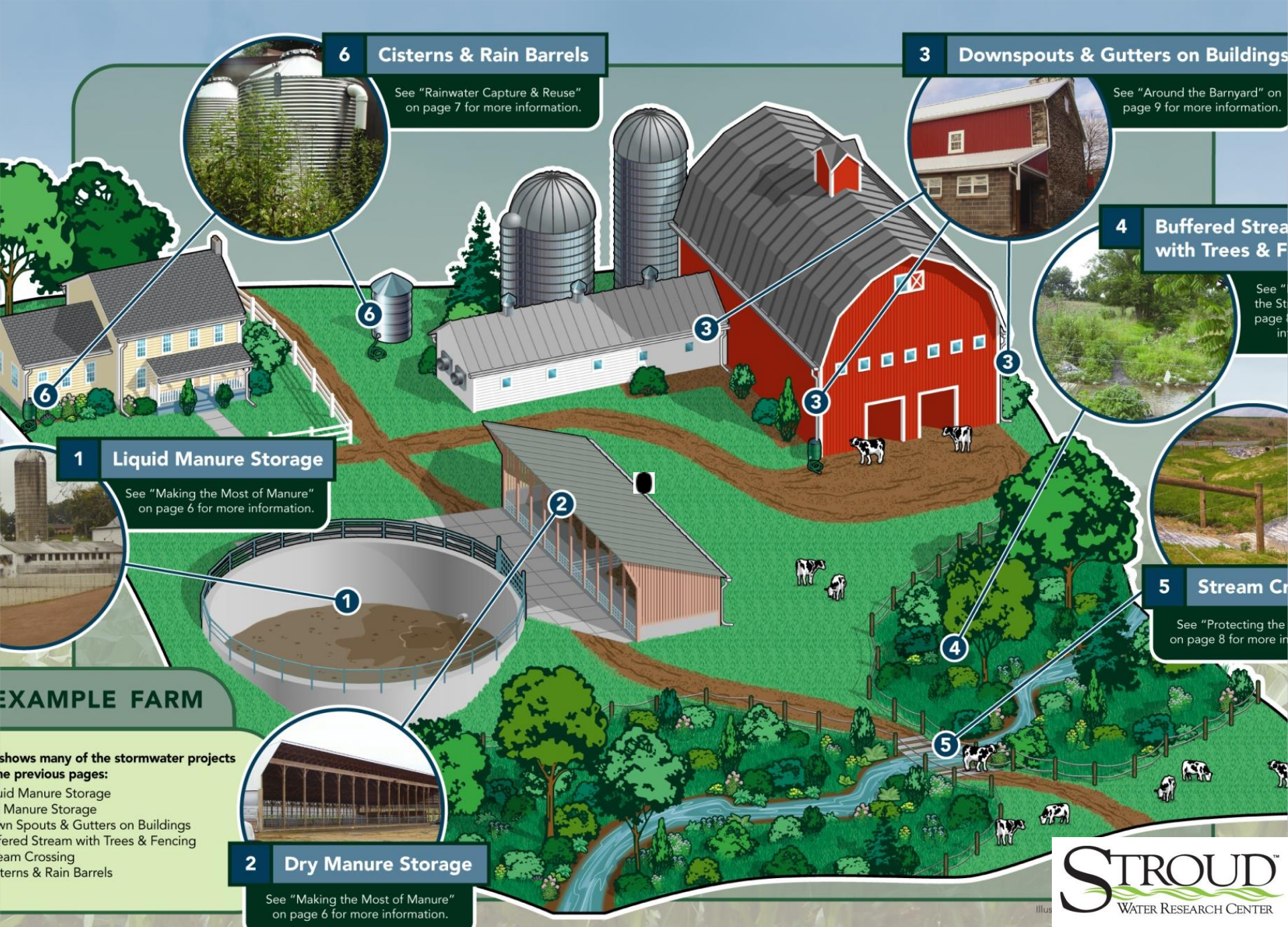


# STROUD<sup>TM</sup>

WATER RESEARCH CENTER

ADVANCING KNOWLEDGE AND STEWARDSHIP OF FRESH WATER SYSTEMS  
THROUGH RESEARCH, EDUCATION, AND RESTORATION





## 6 Cisterns & Rain Barrels

See "Rainwater Capture & Reuse" on page 7 for more information.

## 3 Downspouts & Gutters on Buildings

See "Around the Barnyard" on page 9 for more information.

## 4 Buffered Stream with Trees & Fencing

See "the Stream" on page 10 for more information.

## 5 Stream Crossing

See "Protecting the Stream" on page 8 for more information.

## 1 Liquid Manure Storage

See "Making the Most of Manure" on page 6 for more information.

## 2 Dry Manure Storage

See "Making the Most of Manure" on page 6 for more information.

## EXAMPLE FARM

shows many of the stormwater projects from the previous pages:

- Liquid Manure Storage
- Dry Manure Storage
- Downspouts & Gutters on Buildings
- Buffered Stream with Trees & Fencing
- Stream Crossing
- Cisterns & Rain Barrels

**STROUD**  
WATER RESEARCH CENTER

# Stroud's Farm Stewardship Program

- How it works
- How we fund it
- Recent outcomes



# Lack of interest in forest buffers





# Addressing major resource concerns





# What is lost with a piecemeal approach?



Photo Credit: Lancaster Co., Conservation District

# How the program works

- “Voucher” earned on forest buffers  
35’ or wider forest buffers - \$4k/ac (\$20k max)
- Full compliance with ag regulations
- Whole farm conservation: implement BMPs



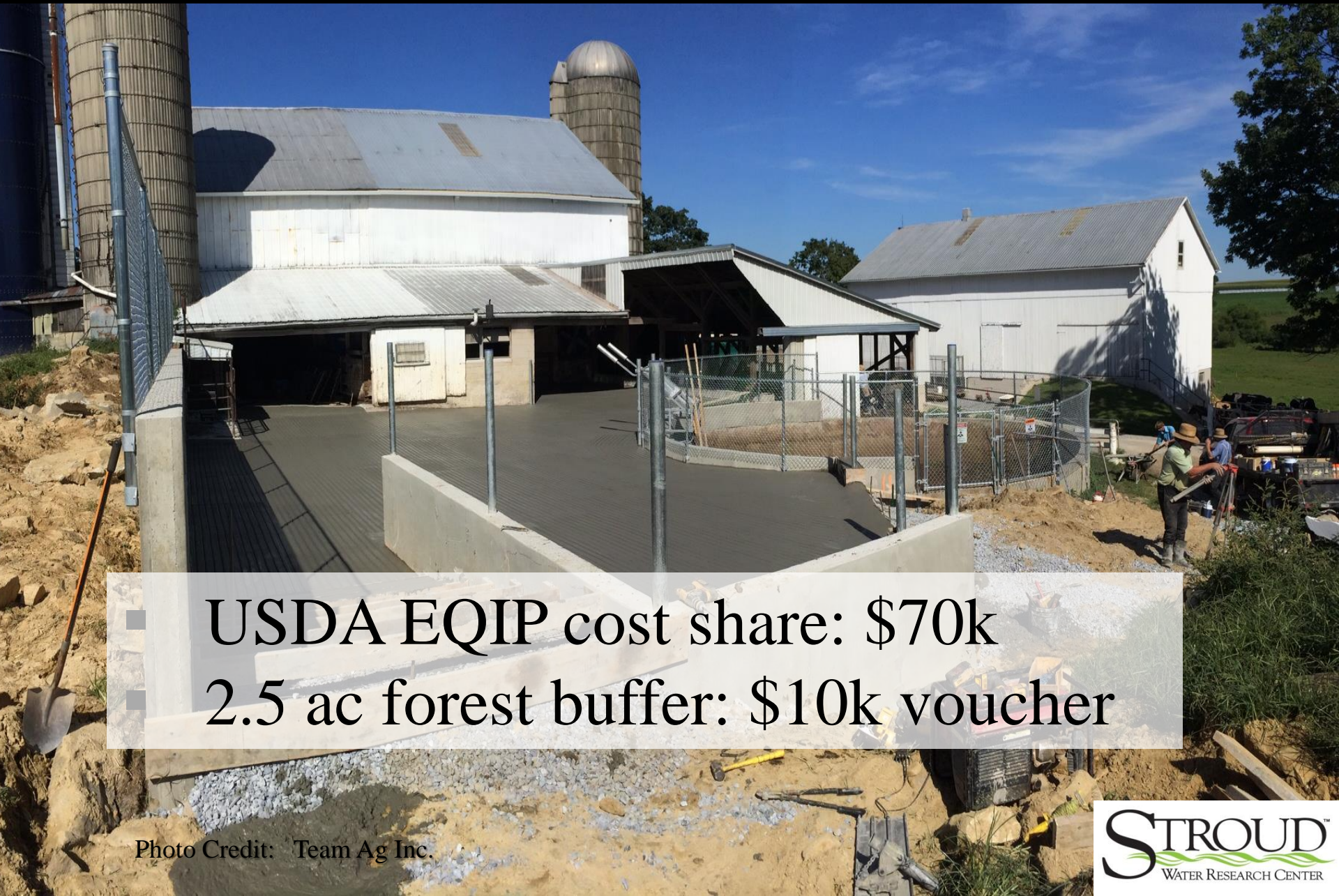
# Example of voucher use

- Barnyard near stream with manure runoff issues
- BMPs to fix: \$80k

Photo Credit: Team Ag, Inc.



# Example of voucher use



- USDA EQIP cost share: \$70k
- 2.5 ac forest buffer: \$10k voucher

Photo Credit: Team Ag Inc.



# Leveraging Resources

Parable of the Wise Steward:

Spend someone else's money

- Federal funds: USDA EQIP, RCPP, CREP
- State funds: PennVest, REAP
- Grant funds



# Funding for Farm Stewardship Program

Funds passing through Stroud Center

Grant funding:

9 grants in 3 years: \$3.55M

- National Fish and Wildlife Foundation (NFWF)
- PA DEP Growing Greener
- William Penn Foundation



# Outcomes of Farm Stewardship Program

CHESTER County per farm averages (10 farms):

- 3.2 acres of buffer/farm
- 54' avg buffer width (one side)
- 9 ag BMPs (~ \$60k+ in EQIP, RCPP, etc.)
- Whole farm compliance at TMDL levels
- \$14k CREP funds/farm

*Ask for more...and you can get more*

# Outcomes of Farm Stewardship Program

**BERKS County** per farm averages (14 farms):

- 4.4 acres of buffer/farm
- 81' avg buffer width (one side)
- 16 ag BMPs (~ \$70k+ in EQIP, RCPP, etc.)
- Whole farm compliance at TMDL levels
- \$20k CREP funds/farm

*Ask for more...and you can get more*



# Outcomes of Farm Stewardship Program

LANCASTER County per farm averages (14 farms):

- 4.6 acres of buffer/farm
- 70.5' avg width (one side)
- 8 ag BMPs (~ \$60k+ in EQIP, RCPP, etc.)
- Whole farm compliance at TMDL levels
- \$21k CREP funds/farm

*Ask for more...and you can get more*



# Critical Partners

We don't do this work by ourselves

## Key Partners:

- The farmers
- USDA (NRCS, FSA)
- Funders (NFWF, DEP, William Penn Foundation...)
- NGO's
- Red Barn Consulting, Inc.
- TeamAg, Inc.
- Berks & Chester County Conservation Districts



Contact Info:

David Wise

Stroud Water Research Center

(610) 268-2153

[dwise@stroudcenter.org](mailto:dwise@stroudcenter.org)



**STROUD**  
WATER RESEARCH CENTER