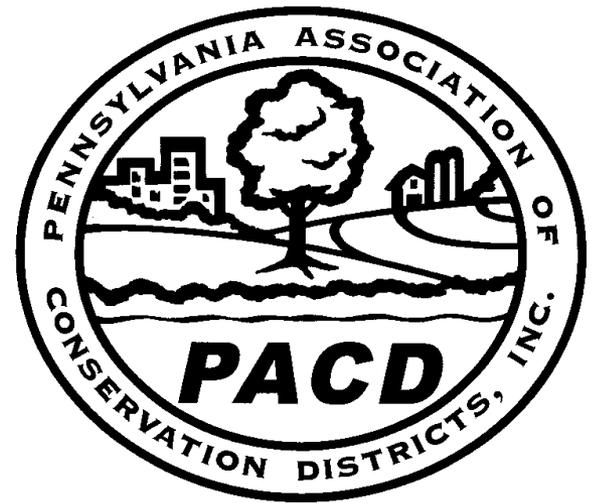


PACD TAG Program Update

Statewide Growing Greener Technical Assistance

Eric Robertson, PE Conservation Engineer
PACD – Somerset



PACD Technical Center Locations:



PACD Technical Personnel by Region:

Clarion:

Justin Griebel

Bloomsburg:

John Coleman, PE

Owen Hess

Somerset:

Eric Robertson, PE

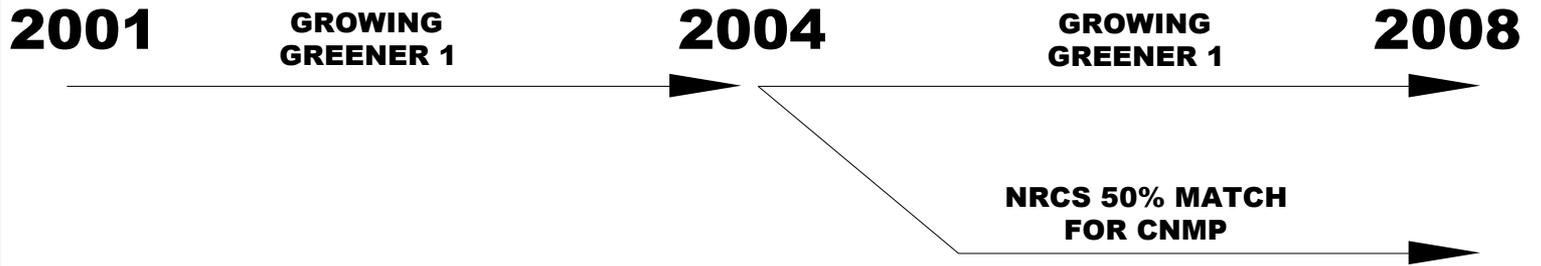
Phil Gardner

Lebanon:

Adam Hartz

Frank Harvatine

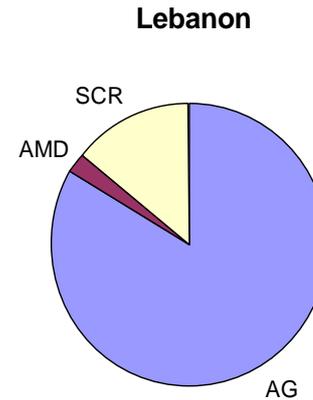
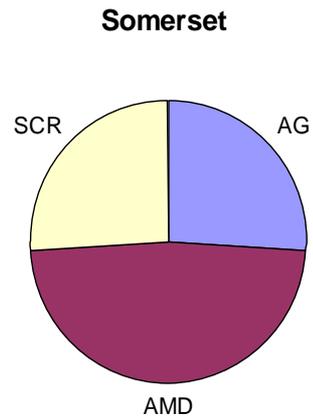
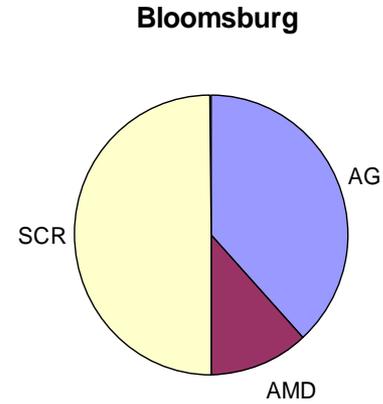
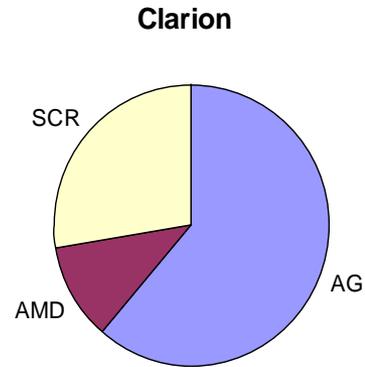
PACD TAG FUNDING SOURCES:



Areas of Work:

- Watershed Assessment
- **Inventory and Evaluation Report**
- **Topographic Survey**
- Soils Investigation
- **Design**
- **Specifications**
- **Estimates**
- Technical Reviews
- **Construction Quality Assurance**
- Training
- Others as Needed

Types of Projects By Region:



(MOST RECENT GRANT REPORT)

PACD Engineering Assistance Program Accomplishments

<u>Grant Period</u>	Agriculture <u>Projects</u>	SCR <u>Projects</u>	AMD <u>Projects</u>	Total <u>Projects</u>	Total Value <u>of Projects</u>
7/01 - 12/03	85	23	18	134	\$7,200,000
1/04 - 2/05	43	19	10	72	\$3,000,000
3/05 - 2/06	81	9	9	99	\$4,000,000
3/06 - 3/07	79	13	19	111	\$5,000,000
4/07-2/08	71	35	18	124	\$3,000,000
Total	359	99	74	540	\$22,200,000
Percent	66%	18%	14%		

TAG Assistance Procedure:

- Receipt of application from eligible sponsor
- Email notification of application
- Input from email recipients
- Relay / coordinate input with project sponsor
- Presentation at Workload Advisory Group meeting
- Ranking of application by Advisory Group
- Email notification of ranking
- Input project into tracking database
- Work on projects based on priorities

Who is Requesting PACD Technical Support?

- Conservation Districts
- Watershed Organizations
- Agricultural Operations
- Private Landowners
- Government and Municipalities
- State and Federal Agencies
- USDA – NRCS
- USDA – RC&D
- County Conservancies
- Non Profit Organizations
- Educational Institutions

What is Being Requested:

Since September of 2001: (estimated)

- 600 Projects
- 1300 Individual Tasks (Survey, Design, etc.)
- 600 Inventory and Evaluation Reports
- 300 Surveys
- 500 Designs and Specifications
- 100 Construction Quality Assurance
- 50 Soils Investigations
- 10 Watershed Assessment
- 5 Training
- 30 "Other"

Typical Project: Inventory and Evaluation (I&E)



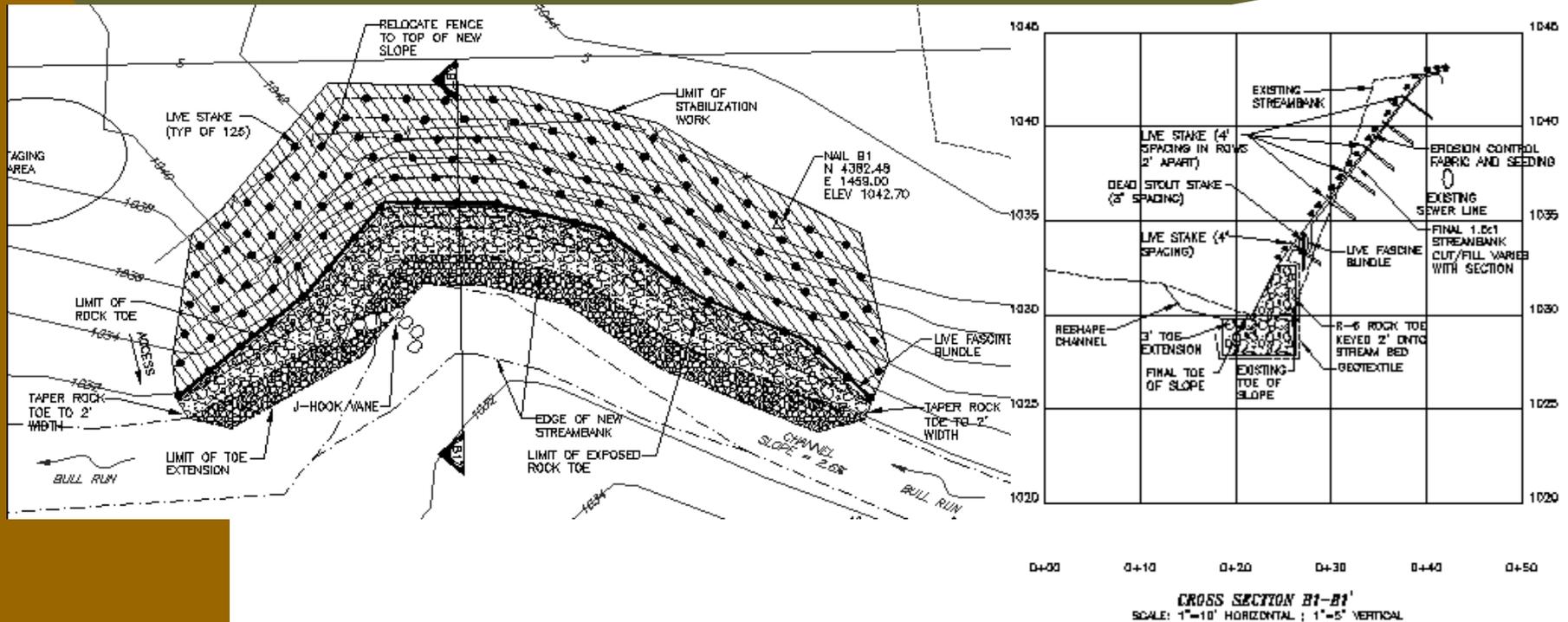
- Done for Nearly Every Project
- Puts Everyone on the Same Page
- Identifies the Problem
- Proposes the Solution
- Determines the Cost
- Site Visit and Photos
- Formal Report and Cost Estimate

Survey



- Field Survey of Points
- Establish Ground Control
- Tool For Detailed Planning
- Use of Sponsor Staff

Design



- NRCS Technical Guide Standards
- Plan Drawings
- Specifications
- Quantities
- Cost Estimates
- Calculations

Construction Quality Assurance



- Often Critical to Success
- Can Train Sponsor
- Resolve Conflicts in the Field
- Answer Contractor Questions

Project Assessment



- Did it Work?
- Why or Why Not?
- What Could be Done Better in the Future?
- How Could Money Have been Saved or The Project Been Easier to Build?
- Could be Sponsor Photos or a Site Visit

Completed PACD Projects

- Agricultural Best Management Practices
- Abandoned Mine Drainage
- Stream Corridor Restoration

Bear Run D7 - Before



Bear Run D7 - Construction



Bear Run D7 - Post



Lucerne 3A – Before



Lucerne 3A - Construction



Lucerne 3A - After



Program Benefits:

- NRCS Standards for Projects are Met
- NRCS Staff Input is Considered
- Quick Turnover of Work
- Attention to Detail and Follow Up
- Utilization of Sponsor Assets
- Small Projects get Same Attention as Large Projects
- Specialized Knowledge and Experience
- Increased Capacity at the Local Level
- Team Building and partnering for Every Project
- In Case "Something Comes Up"

Thanks!

We have enjoyed working with hundreds of conservationists throughout the state in the past 7 years and look forward to a bright future with many more successful projects.

Thanks to all who support the program and make it possible.

Thanks!

- **Bloomsburg Technical Office:**
Natural Resources Conservation Service
702 Saw Mill Road, Suite 205
Bloomsburg, PA 17815-7728
[John Coleman](#), P.E., Conservation Engineer
570-784-4401 ext. 119
[Owen Hess](#), Conservation Technician
570-784-4401 ext. 118
- **Clarion Technical Office:**
Natural Resources Conservation Service
265 Holiday Inn Road, Suite 3
Clarion, PA 16214
[Justin Griebel](#), Conservation Technician
814-226-6116 ext. 117
- **Lebanon Technical Office:**
Natural Resources Conservation Service
2120 Cornwall Road, Suite 4
Lebanon, PA 17042-9787
[Frank Harvatine](#), Conservation Technician
717-274-2597 ext. 123
[Adam Hartz](#), Conservation Technician
717-274-2597 ext. 124
- **Somerset Technical Office:**
Natural Resources Conservation Service
6024 Glades Pike Rd., Suite 105
Somerset, PA 15501
[Eric Robertson](#), P.E., Conservation Engineer
814-445-8979 ext. 124
[Phillip Gardner](#), Conservation Technician
814-445-8979 ext. 6