Manure Management Plan
BMP Self-Reporting

Agricultural Advisory Board
August 19, 2015
EPA’s Concern

- EPA reports that PA is not meeting our Chesapeake Bay WIP commitments.
- PA needs to show significant improvement to meet the water quality goals.

EPA Oversight Status of Bay Jurisdictions’ Progress (June 2015)

- DE: Ongoing Oversight
- DC: Not Applicable
- MD: Ongoing Oversight
- NY: Ongoing Oversight
- PA: Backstop Actions Level
- VA: Ongoing Oversight
- WV: Enhanced Oversight

*Green fading to yellow indicates potential downgrade at end of 2014-2015 milestone period if specific actions are not taken
How to show “...Significant Improvement ...”?

Report BMPs

• Remote Sensing Pilot
• Capital RC&D Transect Survey
• PACD Farmer Self-Reporting Website

Need to adequately reflect PA farmers’ efforts to clean up local waterways.
FOCUS:
• Manure Management Plan information

“Bonus” BMPs:
• Animal Waste Management Systems
• Stream Bank Fencing
• Riparian Buffers
• Barnyard Runoff Controls
DEP will get county level data to document PA farmer’s efforts.
   – DEP will not get “farm-specific” information.

PACD Will Manage Data
   – Conservation Districts will “verify” 10% of data

It will help create a more accurate picture of PA’s agricultural improvements.
## Manure Management Self-Reporting

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1. First Name</td>
<td></td>
</tr>
<tr>
<td>2. Last Name</td>
<td></td>
</tr>
<tr>
<td>3. Address (please use the address covered in the manure plan)</td>
<td></td>
</tr>
<tr>
<td>4. Address 2</td>
<td></td>
</tr>
<tr>
<td>5. City</td>
<td></td>
</tr>
<tr>
<td>6. State</td>
<td></td>
</tr>
<tr>
<td>7. Zip Code</td>
<td></td>
</tr>
<tr>
<td>8. County</td>
<td></td>
</tr>
<tr>
<td>9. Phone number</td>
<td></td>
</tr>
<tr>
<td>10. If the address covered by the manure plan is different from your mailing address, please provide your mailing address below.</td>
<td></td>
</tr>
<tr>
<td>11. Number of acres covered in manure management plan</td>
<td></td>
</tr>
<tr>
<td>12. Manure animal type</td>
<td></td>
</tr>
<tr>
<td>Please choose one dominant animal type producing the manure used on your operation.</td>
<td></td>
</tr>
<tr>
<td>Cows</td>
<td></td>
</tr>
<tr>
<td>Pigs</td>
<td></td>
</tr>
<tr>
<td>Poultry</td>
<td></td>
</tr>
<tr>
<td>Turkey</td>
<td></td>
</tr>
<tr>
<td>Sheep</td>
<td></td>
</tr>
<tr>
<td>Horses</td>
<td></td>
</tr>
<tr>
<td>Other</td>
<td></td>
</tr>
<tr>
<td>Other (please specify)</td>
<td></td>
</tr>
<tr>
<td>13. What is the date the manure management plan was implemented?</td>
<td>MM DD YYYY</td>
</tr>
<tr>
<td>Date</td>
<td></td>
</tr>
</tbody>
</table>
## Animal Waste Management Systems

### Manure Management Self-reporting

14. Do you have an animal waste management system (manure storages) for Dairy?
- Yes
- No

15. Were any government funds used to construct this manure storage for Dairy?
- Yes
- No

### Dairy Not Paid For with Government Funds

- Year built
- Number of animals
**Manure Management Self-reporting**

20. Do you have stream bank fencing? 
(The fencing of strips of land along streams to completely exclude livestock. The fenced areas may be planted in trees or grass.)

- Yes
- No

21. Were any government funds used to construct this stream bank fencing?

- Yes
- No
Barnyard Runoff Controls

Manure Management Self-reporting

22. Do you have barnyard runoff controls? (This includes practices such as roof runoff control, diversion of clean water from entering the barnyard and control of runoff from barnyard areas.)

- Yes
- No

Manure Management Self-reporting

23. Which practice(s) Choose any that apply
- Roof Gutters
- Roof Runoff Structures
- Concrete Barnyards
- Curbs
- Collection System and/or Pumps
- Barnyard Runoff Filter Strip
- Exclusion Fencing

Manure Management Self-reporting

24. Were any government funds used to construct these barnyard runoff controls?

- Yes
- No
Logan Ierley
Intern, Bureau of Conservation and Restoration
717.787.5267
lierley@pa.gov