



COMMONWEALTH OF KENTUCKY
ENERGY AND ENVIRONMENT CABINET
DIVISION OF CONSERVATION

Ky Ag Water Quality Planning Tool

AWQA Producer Plan

Farm Information:

Farm Name:

Approximate Farm Acreage:

Connection to Farm: Land Owner or Operator or Owner/Operator

Farm/FSA Number:

Farm Address:

Farm Mailing Address:

Land Owner Information:

Land User (tenant, manager, etc.) Information:

For the following sections, select a minimum of one BMP for each question applicable to your operation.

Additional BMP information is on the Division of Conservation web page.



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Farmstead BMPs

Is your land used for farming or timber production? ☐ Yes ☐ No

Do you own or lease 10 or more acres? ☐ Yes ☐ No

1. Is there solid waste generated from a residential and agricultural operation?

☐ Yes ☐ No

☐ Plan to Implement	☐ Have Implemented	☐ Not Interested	Farmstead #1: Solid Waste
☐ Plan to Implement	☐ Have Implemented	☐ Not Interested	Farmstead #4: Well Protection
☐ Plan to Implement	☐ Have Implemented	☐ Not Interested	Streams #6: Karst Features: Sinkholes, Sinking Streams, and Caves

2. Is there household wastewater generated onsite that is not delivered to a municipal sewer?

☐ Yes ☐ No

☐ Plan to Implement	☐ Have Implemented	☐ Not Interested	Farmstead #4: Well Protection
☐ Plan to Implement	☐ Have Implemented	☐ Not Interested	Farmstead #2: Septic Systems and On-Site Sewage Disposal
☐ Plan to Implement	☐ Have Implemented	☐ Not Interested	Streams #6: Karst Features: Sinkholes, Sinking Streams, and Caves

3. Is there drinking water available onsite or harvested from sources other than a municipal water supplier?

☐ Yes ☐ No

☐ Plan to Implement	☐ Have Implemented	☐ Not Interested	Farmstead #4: Well Protection
☐ Plan to Implement	☐ Have Implemented	☐ Not Interested	Farmstead #5: Water Harvesting
☐ Plan to Implement	☐ Have Implemented	☐ Not Interested	Farmstead #6: Backflow Prevention

4. Is fuel stored onsite for home heating use or other farm use?

☐ Yes ☐ No

☐ Plan to Implement	☐ Have Implemented	☐ Not Interested	Farmstead #4: Well Protection
☐ Plan to Implement	☐ Have Implemented	☐ Not Interested	Farmstead #3: On-Farm Petroleum Storage and Handling

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Silviculture BMPs

1. Do you harvest timber?

☐ Yes ☐ No

☐ Plan to Implement	☐ Have Implemented	☐ Not Interested	Silviculture #1: Access roads, Trails, & Landings
☐ Plan to Implement	☐ Have Implemented	☐ Not Interested	Silviculture #2: Revegetation of Silviculturally Disturbed Areas
☐ Plan to Implement	☐ Have Implemented	☐ Not Interested	Silviculture #3: Streamside Management Zones (SMZ)
☐ Plan to Implement	☐ Have Implemented	☐ Not Interested	Silviculture #4: Sinkholes, Sinking Streams, and Caves
☐ Plan to Implement	☐ Have Implemented	☐ Not Interested	Silviculture #5: Fluids and Trash

2. Are there wetlands, swamps, or poorly drained areas where you will be harvesting timber?

☐ Yes ☐ No

☐ Plan to Implement	☐ Have Implemented	☐ Not Interested	Silviculture #10: Silviculture in Wetland Areas
☐ Plan to Implement	☐ Have Implemented	☐ Not Interested	Streams #6: Karst Features: Sinkholes, Sinking Streams, and Caves

3. Do you plan to revegetate harvested areas?

☐ Yes ☐ No

☐ Plan to Implement	☐ Have Implemented	☐ Not Interested	Silviculture #2: Revegetation of Silviculturally Disturbed Areas
☐ Plan to Implement	☐ Have Implemented	☐ Not Interested	Silviculture #6: Proper Planting of Tree Seedlings by Machine
☐ Plan to Implement	☐ Have Implemented	☐ Not Interested	Silviculture #7: Fertilization
☐ Plan to Implement	☐ Have Implemented	☐ Not Interested	Silviculture #8: Application of Pesticides
☐ Plan to Implement	☐ Have Implemented	☐ Not Interested	Silviculture #9: Site Preparation for Reforestation

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Pesticide/Fertilizer BMPs

1. Is fertilizer stored in bulk (more than 25 tons dry or more than 5,000 gallons liquid) for more than 6 months?

☐ Yes ☐ No

☐ Plan to Implement	☐ Have Implemented	☐ Not Interested	Pesticide & Fertilizer #1: Storage of Dry Bulk Fertilizer
☐ Plan to Implement	☐ Have Implemented	☐ Not Interested	Pesticide & Fertilizer #2: Storage of Liquid Bulk Fertilizer

2. Is fertilizer stored in small quantities (less than 25 tons dry or less than 5,000 gallons liquid)?

☐ Yes ☐ No

☐ Plan to Implement	☐ Have Implemented	☐ Not Interested	Pesticide & Fertilizer #3: Storage of Liquid & Dry Fertilizer (small quantities)
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3. Is pesticide (or herbicide) stored in bulk (more than 300 lbs dry or more than 300 gallons liquid) for more than 6 months? ☐ Yes ☐ No

☐ Plan to Implement	☐ Have Implemented	☐ Not Interested	Pesticide & Fertilizer #4: Storage of Dry Bulk Pesticides
☐ Plan to Implement	☐ Have Implemented	☐ Not Interested	Pesticide & Fertilizer #5: Storage of Liquid Bulk Pesticides

4. Is pesticide (or herbicide) stored in small quantities (less than 300 lbs dry or less than 300 gallons liquid)?

☐ Yes ☐ No

☐ Plan to Implement	☐ Have Implemented	☐ Not Interested	Pesticide & Fertilizer #6: Storage of Liquid & Dry Pesticides (small quantities)
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5. Do you transport, mix, load or handle pesticides, herbicides and fertilizer?

☐ Yes ☐ No

☐ Plan to Implement	☐ Have Implemented	☐ Not Interested	Pesticide & Fertilizer #7: Transport of Pesticides & Fertilizer
☐ Plan to Implement	☐ Have Implemented	☐ Not Interested	Pesticide & Fertilizer #8: Mixing, Loading, and Handling of Pesticides & Fertilizer and their Containers
☐ Plan to Implement	☐ Have Implemented	☐ Not Interested	Farmstead #6: Backflow Prevention



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Pesticide/Fertilizer BMPs

6. Do you dispose of excess pesticides, herbicides, their containers or fertilizer containers?

☐ Yes ☐ No

☐ Plan to Implement	☐ Have Implemented	☐ Not Interested	Pesticide & Fertilizer #9: Excess Pesticide Disposal
☐ Plan to Implement	☐ Have Implemented	☐ Not Interested	Pesticide & Fertilizer #10: Pesticide & Fertilizer Container Disposal

7. Do you apply pesticides or herbicides?

☐ Yes ☐ No

☐ Plan to Implement	☐ Have Implemented	☐ Not Interested	Pesticide & Fertilizer #11: Applying Pesticides
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Streams and Other Waters BMPs

1. Do you have streams or sinkholes on or adjacent to your land?

☐ Yes ☐ No

☐ Plan to Implement	☐ Have Implemented	☐ Not Interested	Streams #1: Stream Crossing for Farm Equipment
☐ Plan to Implement	☐ Have Implemented	☐ Not Interested	Streams #3: Streambank and Shoreline Protection
☐ Plan to Implement	☐ Have Implemented	☐ Not Interested	Streams #4: Proper Stream Drainage Maintenance
☐ Plan to Implement	☐ Have Implemented	☐ Not Interested	Streams #6: Karst Features: Sinkholes, Sinking Streams, and Caves
☐ Plan to Implement	☐ Have Implemented	☐ Not Interested	Silviculture #4: Sinkholes, Sinking Streams, and Caves

2. Do you periodically remove gravel or sand from streams for drainage or for use on the farm?

☐ Yes ☐ No

☐ Plan to Implement	☐ Have Implemented	☐ Not Interested	Streams #2: Sand and Gravel Removal
☐ Plan to Implement	☐ Have Implemented	☐ Not Interested	Streams #4: Proper Stream Drainage Maintenance

3. Do you periodically perform maintenance on erodible streambanks on or adjacent to your farm?

☐ Yes ☐ No

☐ Plan to Implement	☐ Have Implemented	☐ Not Interested	Streams #2: Sand and Gravel Removal
☐ Plan to Implement	☐ Have Implemented	☐ Not Interested	Streams #3: Streambank and Shoreline Protection
☐ Plan to Implement	☐ Have Implemented	☐ Not Interested	Streams #4: Proper Stream Drainage Maintenance

4. Do you have ponds on your land?

☐ Yes ☐ No

☐ Plan to Implement	☐ Have Implemented	☐ Not Interested	Streams #5: Maintenance of Freshwater Ponds
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Streams and Other Waters BMPs

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Crops BMPs

1. Do you raise fruit or Christmas trees?

☐ Yes ☐ No

☐ Plan to Implement	☐ Have Implemented	☐ Not Interested	Crops BMP #2: Conservation Cover
☐ Plan to Implement	☐ Have Implemented	☐ Not Interested	Crops BMP #6: Filter Strip
☐ Plan to Implement	☐ Have Implemented	☐ Not Interested	Crops BMP #9: Pasture & Hayland Planting & Management
☐ Plan to Implement	☐ Have Implemented	☐ Not Interested	Crops BMP #12: Pest Management Including Cultural Control
☐ Plan to Implement	☐ Have Implemented	☐ Not Interested	Crops BMP #14: Grassed Waterway
☐ Plan to Implement	☐ Have Implemented	☐ Not Interested	Crops BMP #5 & Livestock #11: Nutrient Management

2. Do you use your land to grow or maintain turf grass?

☐ Yes ☐ No

☐ Plan to Implement	☐ Have Implemented	☐ Not Interested	Crops BMP #2: Conservation Cover
☐ Plan to Implement	☐ Have Implemented	☐ Not Interested	Crops BMP #6: Filter Strip
☐ Plan to Implement	☐ Have Implemented	☐ Not Interested	Crops BMP #12: Pest Management Including Cultural Control
☐ Plan to Implement	☐ Have Implemented	☐ Not Interested	Crops BMP #14: Grassed Waterway
☐ Plan to Implement	☐ Have Implemented	☐ Not Interested	Crops BMP #5 & Livestock #11: Nutrient Management

3. Do you use your land for animal pasture or hay production?

☐ Yes ☐ No

☐ Plan to Implement	☐ Have Implemented	☐ Not Interested	Crops BMP #7: Grasses and Legumes in Rotation
☐ Plan to Implement	☐ Have Implemented	☐ Not Interested	Crops BMP #9: Pasture and Hayland Planting & Management
☐ Plan to Implement	☐ Have Implemented	☐ Not Interested	Crops BMP #14: Grassed Waterway
☐ Plan to Implement	☐ Have Implemented	☐ Not Interested	Crops BMP #5 & Livestock #11: Nutrient Management



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Crops BMPs

4. Do you farm row crops?

☐ Yes ☐ No

☐ Plan to Implement	☐ Have Implemented	☐ Not Interested	Crops BMP #1: Conservation Cropping Sequence
☐ Plan to Implement	☐ Have Implemented	☐ Not Interested	Crops BMP #2: Conservation Cover
☐ Plan to Implement	☐ Have Implemented	☐ Not Interested	Crops BMP #3: Conservation Tillage / Crop Residue Use
☐ Plan to Implement	☐ Have Implemented	☐ Not Interested	Crops BMP #6: Filter Strip
☐ Plan to Implement	☐ Have Implemented	☐ Not Interested	Crops BMP #7: Grasses and Legumes in Rotation
☐ Plan to Implement	☐ Have Implemented	☐ Not Interested	Crops BMP #13: Cover Crop
☐ Plan to Implement	☐ Have Implemented	☐ Not Interested	Crops BMP #14: Grassed Waterway
☐ Plan to Implement	☐ Have Implemented	☐ Not Interested	Crops BMP #16: Precision Agriculture
☐ Plan to Implement	☐ Have Implemented	☐ Not Interested	Crops BMP #5 & Livestock #11: Nutrient Management

5. Do you have critical areas prone to erosion on your farm?

☐ Yes ☐ No

☐ Plan to Implement	☐ Have Implemented	☐ Not Interested	Crops BMP #8: Mulching
☐ Plan to Implement	☐ Have Implemented	☐ Not Interested	Crops BMP #11: Critical Area Planting & Treatment
☐ Plan to Implement	☐ Have Implemented	☐ Not Interested	Crops BMP #10: Stripcropping
☐ Plan to Implement	☐ Have Implemented	☐ Not Interested	Crops BMP #4: Contour Farming
☐ Plan to Implement	☐ Have Implemented	☐ Not Interested	Crops BMP #15: Water Control Structure

6. Do you apply pesticides?

☐ Yes ☐ No

☐ Plan to Implement	☐ Have Implemented	☐ Not Interested	Crops BMP #6: Filter Strip
☐ Plan to Implement	☐ Have Implemented	☐ Not Interested	Crops BMP #12: Pest Management, Including Cultural Control



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Crops BMPs

7. Do you apply animal or industrial wastes (including distiller's grains)?

☐ Yes ☐ No

☐ Plan to Implement	☐ Have Implemented	☐ Not Interested	Crops BMP #6: Filter Strip
☐ Plan to Implement	☐ Have Implemented	☐ Not Interested	Crops BMP #7: Grasses and Legumes in Rotation
☐ Plan to Implement	☐ Have Implemented	☐ Not Interested	Crops BMP #13: Cover Crop
☐ Plan to Implement	☐ Have Implemented	☐ Not Interested	Crops BMP #14: Grassed Waterway
☐ Plan to Implement	☐ Have Implemented	☐ Not Interested	Crops BMP #15: Water Control Structure
☐ Plan to Implement	☐ Have Implemented	☐ Not Interested	Crops BMP #5 & Livestock #11: Nutrient Management

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Livestock BMPs

1. Do you have livestock or poultry in roofed, paved or confined feeding areas?

☐ Yes ☐ No

☐ Plan to Implement	☐ Have Implemented	☐ Not Interested	Livestock #19: Totally Covered Open Confinement
☐ Plan to Implement	☐ Have Implemented	☐ Not Interested	Livestock #5: Manure Management
☐ Plan to Implement	☐ Have Implemented	☐ Not Interested	Livestock #15: Dead Animal
☐ Plan to Implement	☐ Have Implemented	☐ Not Interested	Livestock #14: Heavy Use Area
☐ Plan to Implement	☐ Have Implemented	☐ Not Interested	Livestock #13: Filter Strip

2. Do you have livestock in unroofed, unpaved, confined feeding areas including pastures?

☐ Yes ☐ No

☐ Plan to Implement	☐ Have Implemented	☐ Not Interested	Livestock #1: Rotational Grazing
☐ Plan to Implement	☐ Have Implemented	☐ Not Interested	Livestock #2: Stocking Density
☐ Plan to Implement	☐ Have Implemented	☐ Not Interested	Livestock #10: Stack Pad
☐ Plan to Implement	☐ Have Implemented	☐ Not Interested	Livestock #14: Heavy Use Area
☐ Plan to Implement	☐ Have Implemented	☐ Not Interested	Livestock #15: Dead Animal

3. Do you apply animal waste to your land?

☐ Yes ☐ No

☐ Plan to Implement	☐ Have Implemented	☐ Not Interested	Livestock #11: Nutrient Management
☐ Plan to Implement	☐ Have Implemented	☐ Not Interested	Livestock #5: Manure Management

4. If you store animal manure, please select from a minimum of one of the following BMPs

☐ Yes ☐ No

☐ Plan to Implement	☐ Have Implemented	☐ Not Interested	Livestock #6: Manures Storage Pond
☐ Plan to Implement	☐ Have Implemented	☐ Not Interested	Livestock #7: Manure Holding Tank
☐ Plan to Implement	☐ Have Implemented	☐ Not Interested	Livestock #8: Manure Treatment Lagoon
☐ Plan to Implement	☐ Have Implemented	☐ Not Interested	Livestock #9: Sediment or Solids Separation Basin
☐ Plan to Implement	☐ Have Implemented	☐ Not Interested	Livestock #10: Manure Stack pads



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Livestock BMPs

5. Are there sinkholes onsite?

☐ Yes ☐ No

☐ Plan to Implement	☐ Have Implemented	☐ Not Interested	Streams #6: Karst Features: Sinkholes, Sinking Streams, and Caves
☐ Plan to Implement	☐ Have Implemented	☐ Not Interested	Silviculture #4: Sinkholes, Sinking Streams & Caves

6. Do livestock or poultry have free access to any creeks or ponds onsite?

☐ Yes ☐ No

☐ Plan to Implement	☐ Have Implemented	☐ Not Interested	Livestock #3: Riparian Area Protection
☐ Plan to Implement	☐ Have Implemented	☐ Not Interested	Livestock #4: Limiting Access to Surface Water Sources
☐ Plan to Implement	☐ Have Implemented	☐ Not Interested	Livestock #13: Filter Strip
☐ Plan to Implement	☐ Have Implemented	☐ Not Interested	Streams #5: Maintenance of Freshwater Ponds

7. Do livestock have access to waterers?

☐ Yes ☐ No

☐ Plan to Implement	☐ Have Implemented	☐ Not Interested	Farmstead #4: Well Protection
☐ Plan to Implement	☐ Have Implemented	☐ Not Interested	Farmstead #5: Water Harvesting
☐ Plan to Implement	☐ Have Implemented	☐ Not Interested	Farmstead #6: Backflow Prevention
☐ Plan to Implement	☐ Have Implemented	☐ Not Interested	Livestock #14: Heavy Use Area

8. Does water/rainwater pass through your production areas?

☐ Yes ☐ No

☐ Plan to Implement	☐ Have Implemented	☐ Not Interested	Livestock #18: Storm water Management
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9. Do you also produce forage crops (hay or pasture)?

☐ Yes ☐ No

Select from BMPs under **Crops question #3**.



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Livestock BMPs

10. Do you have or plan to build poultry houses onsite?

☐ Yes ☐ No

☐ Plan to Implement	☐ Have Implemented	☐ Not Interested	Livestock #17: Poultry Siting & Land Application
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11. Do you generate milk/parlor/milk house wastewater?

☐ Yes ☐ No

☐ Plan to Implement	☐ Have Implemented	☐ Not Interested	Livestock #16: Milking Center Wastewater
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12. Do you use animal waste (poultry litter or horse muck) as feed for other livestock onsite?

☐ Yes ☐ No

☐ Plan to Implement	☐ Have Implemented	☐ Not Interested	Livestock #12: Waste as Feed
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Summary and Signature

This plan entitles me to:

- The Corrective Measures process. A process to correct any identified water quality problems that may be the result of activities conducted on my operation.
- Availability of technical assistance through the conservation districts to develop or modify as needed my water quality plan, practices and/or measures or to recommend changes to the statewide water quality plan.
- Opportunity to apply for Financial Assistance needed for implementation of my plan as resources become available.
- Possible extensions of time for compliance with a water quality plan based on the availability of technical and financial assistance.

Note: Selecting "not interested" for each and every BMP throughout the plan does not fulfill AWQA requirements for an implemented plan under [KRS 224.71-120](#).

I understand my obligations under the Agriculture Water Quality Act to implement the applicable requirements of the statewide water quality plan and I have developed a water quality plan for my individual operations based on its guidance. I am aware of the need to review my plan periodically to record those practices or measures that I have completed and to modify my plan as major changes are made in my operation. If my management practices are questioned by regulatory agencies or through civil actions, these updated records will serve as documentation of my efforts to improve and protect the natural resources.

Signature:

Date:

Print name: