

## Accomplishments Worksheets

Project Name \_\_\_\_\_

Project Number \_\_\_\_\_ County \_\_\_\_\_

Date Prepared \_\_\_\_/\_\_\_\_/\_\_\_\_ (month/day/year)

**Project Type** *(check all that apply)*

Organization of a Watershed Group *(fill out Sheet A\*)*

Watershed Assessments and Development of Restoration and/or Protection Plan  
*(check all that apply and fill out sheet B\*)*

AML/AMD

Non-Point Source

Assessment

Development of Restoration Plan

Development of Protection Plan

Implementation of Watershed Restoration and/or Protection Project  
*(check all that apply and fill out Sheets C, D, E, F, and G\*)*

AML/AMD

Oil and Gas

Non-Point Source

Restoration

Protection

Demonstration *(fill out Sheet H\*)*

Education/Outreach *(fill out Sheet I\*)*

\*Please fill out all the appropriate information on the sheets corresponding to your project type. Leave blank any sheets or information on the sheets that do not apply to your specific project. If you have any questions call Headwaters RC&D Sinnemahoning Stakeholders Committee at 814-486-9354.

## Organization of a Watershed Group

**Name of Group** \_\_\_\_\_

**Watershed Area** \_\_\_\_\_ Acres

**Membership** \_\_\_\_\_ Number

**Meetings Held** \_\_\_\_\_ Number Held  
\_\_\_\_\_ Attendance

**Mission Defined**     Yes     No

**Incorporation**     Yes    \_\_\_\_\_ Date  
                           Applied    \_\_\_\_\_ Date  
                           No

**Non-Profit Status**     Yes    \_\_\_\_\_ Date  
                           Applied    \_\_\_\_\_ Date  
                           No

**Officers Elected**     Yes     No

**Strategic Plan Developed**     Yes     No    \_\_\_\_\_ Date

**Newsletter**    \_\_\_\_\_ Number Printed

**Brochures**    \_\_\_\_\_ Number Printed

**Webpage**    \_\_\_\_\_ Web Address

**Other Outreach**     Describe in Narrative

**Describe Activities to date for your organization:**

## Watershed Assessments and Development of Watershed Restoration and/or Protection Plans

Area Assessed \_\_\_\_\_ acres  
 Stream Reach \_\_\_\_\_ feet  
 Data Gathered \_\_\_\_\_ briefly describe  
 Monitoring Measurements \_\_\_\_\_ type  
 Maps Developed \_\_\_\_\_ number/type  
 Surveys Completed \_\_\_\_\_ type  
 Fish Identified \_\_\_\_\_ species  
 Macroinvertebrates Identified \_\_\_\_\_ species  
 Riparian Buffers Restored \_\_\_\_\_ feet planned  
 Riparian Buffers Protected \_\_\_\_\_ feet planned  
 Stations Monitored: Chemistry \_\_\_\_\_ #/frequency  
                                   Biology \_\_\_\_\_ #/frequency

Problems Identified:  AMD  Trash  Point Source Pollutants  
 Erosion & Sedimentation  Stormwater  Temperature  
 303D Listed  Yes  No  
 Chapter 93 designation \_\_\_\_\_  
 Nutrient Assessed \_\_\_\_\_ list below  
 Frequency of Monitoring \_\_\_\_\_ describe  
 Stream Corridors Restored \_\_\_\_\_ feet planned  
 Stream Corridors Protected \_\_\_\_\_ feet planned  
 Education/Outreach \_\_\_\_\_ describe  
 TMDL Completed \_\_\_\_\_ describe  
 Public Input \_\_\_\_\_ describe

Sheet B

Describe your project activities to date:

Receiving Stream \_\_\_\_\_ name/location

**Receiving Stream Benefits**

<u>Upstream Quality</u>		<u>Downstream Quality</u>	
Before	After	Before	After
Iron _____	_____ mg/L	Iron _____	_____ mg/L
pH _____	_____ S.U.	pH _____	_____ S.U.
Acid _____	_____ mg/L as CaCO <sub>3</sub>	Acid _____	_____ mg/L as CaCO <sub>3</sub>
Alk _____	_____ mg/L as CaCO <sub>3</sub>	Alk _____	_____ mg/L as CaCO <sub>3</sub>
Al _____	_____ mg/L	Al _____	_____ mg/L
Mn _____	_____ mg/L	Mn _____	_____ Mg/L

  

AMD Treatment	AML	Oil and Gas
<input type="checkbox"/> Anoxic Limestone Drain _____ tons Limestone(LS) <input type="checkbox"/> Successive Alkalinity Producing System (SAP) _____ tons (LS) _____ tons organic matter <input type="checkbox"/> Wetlands _____ aerobic acres _____ anaerobic acres <input type="checkbox"/> Diversion Wells _____ # _____ total LS capacity <input type="checkbox"/> Settling Ponds _____ # _____ capacity (gpm) <input type="checkbox"/> Limestone Channel _____ ft. OLC _____ ft. MOLC <input type="checkbox"/> Limestone Dosing/Dumping _____ tons LS <input type="checkbox"/> Reverse Alkalinity Producing Systems _____ # <input type="checkbox"/> Bactericide Remediation _____ lbs/acre <input type="checkbox"/> Beneficial Use of Dredged Material _____ tons <input type="checkbox"/> Manganese Oxidizing Bacteria Systems _____ # <p style="text-align: center;"><b>Total Treated Flow Rate</b></p> _____ gpm average _____ gpm high Predicted lifespan of system _____ years Sludge Capacity _____ years Contaminants removed/Contained by system (average) Iron _____ ppd Al _____ ppd Mn _____ ppd Acid _____ ppd Excess Alkalinity added _____ ppd pH change _____ influent _____ effluent	<input type="checkbox"/> Openings Closed _____ # <input type="checkbox"/> High Walls Removed _____ Feet <input type="checkbox"/> Land Remined _____ Acres <input type="checkbox"/> Wildlife Habitat Improved _____ Acres <input type="checkbox"/> Trees Planted _____ # <input type="checkbox"/> Sealing Mine Portals _____ # _____ wet or dry seal <input type="checkbox"/> Revegetation _____ acres <input type="checkbox"/> Grout Injection _____ tons <input type="checkbox"/> Mine Capping _____ acres	Wells Plugged _____ # Total Flow Before _____ gpm Total Flow After _____ gpm <p style="text-align: center;"><b>Contaminants Removed/Prevented</b></p> Iron _____ (ppd) pounds per day Acidity _____ (ppd) Alkalinity _____ (ppd) Wildlife Habitat Created _____ acres
<p><b>Describe Activities to Date:</b></p>          		

Sheet C

Name of Project: \_\_\_\_\_

**Non-Point Agricultural**

**Farmstead/Barnyard**

**Upland**

**Streams/Wetlands**

Manure Storages:

	Number	Cubic Feet	AEUs
Dairy	_____	_____	_____
Beef	_____	_____	_____
Swine	_____	_____	_____
Poultry	_____	_____	_____
Latitude	_____	Longitude	_____

Barnyard runoff controls:

Built with manure storage \_\_\_\_\_ number

Built without manure storage \_\_\_\_\_ number

Curbing \_\_\_\_\_ feet

Roof Gutters \_\_\_\_\_ feet

Buffer Strips \_\_\_\_\_ feet

Other (Describe)

Soil Conservation Plans Developed

On conventional cropland \_\_\_\_\_ acres

On hayland \_\_\_\_\_ acres

On pasture \_\_\_\_\_ acres

Grazing land \_\_\_\_\_ acres protected

No till \_\_\_\_\_ acres protected

Cover crops planted \_\_\_\_\_ acres planted

Nutrient management plans \_\_\_\_\_ acres

Waterways \_\_\_\_\_ feet

Diversions/Terraces \_\_\_\_\_ feet

Pesticide management \_\_\_\_\_ acres

Wildlife land improved \_\_\_\_\_ acres

Woodland improved \_\_\_\_\_ acres

Stream Fencing \_\_\_\_\_ feet

Stabilized Crossings \_\_\_\_\_ #

Latitude \_\_\_\_\_ Longitude \_\_\_\_\_

Measures on  
Separate pages

Sheet D

Describe your implementation activities to date:

Name of Project: \_\_\_\_\_

**Non-Point Other**

**Stormwater**

**Other BMP**

**Streams/Wetlands**

Latitude _____	Longitude _____	
Extended dry detention basin _____	number _____	drainage area _____
Wet detention pond _____	number _____	drainage area _____
Conversion of dry retention to wet _____	number _____	drainage area _____
Pond-wetland system _____	number _____	drainage area _____
Stormwater wetland _____	number _____	drainage area _____
Sand Filter _____	number _____	drainage area _____
Infiltration Swale _____	number _____	drainage area _____
Porous Pavement _____	number _____	drainage area _____
Roof Water Management _____	number _____	drainage area _____
Operation & Maintenance (describe below)		
Other (describe below)		

Sediment Ponds _____	number _____
Septic Pumping _____	number _____
Home Septic _____	
Denitrification installed _____	number _____
Septic systems connected _____	
to WWTP POTW _____	number _____
Nutrient Management _____	acres _____
Dirt/Gravel Road Maintenance _____	feet _____
Road Bank Stabilized _____	ft <sup>2</sup> _____

Measures on separate pages

Sheet E

Describe your implementation activities to date: (Advise if your improvements are new construction, replacements, or changes to existing systems)

**Streams**

**Name of Project:** \_\_\_\_\_ **303D Listed**  Yes  No

<b>Chapter 93 Designation</b>		
<input type="checkbox"/> WWF	<input type="checkbox"/> CWF	<input type="checkbox"/> TSF
<input type="checkbox"/> HQ	<input type="checkbox"/> EV	

Riparian buffers installed \_\_\_\_\_ length (ft) \_\_\_\_\_  
 avg width (ft) \_\_\_\_\_ type (trees, shrubs, grasses)  
*(Report both sides of stream if appropriate)*

Latitude \_\_\_\_\_ Longitude \_\_\_\_\_

Prior land use where established \_\_\_\_\_ type

Filter Strips installed \_\_\_\_\_ length (ft) \_\_\_\_\_ avg width (ft)

Land use where established \_\_\_\_\_ type

Stream bank protection with fencing \_\_\_\_\_ length (ft) \_\_\_\_\_ avg. width (FT)

Stream bank protection without fencing \_\_\_\_\_ length (ft) \_\_\_\_\_ avg. width (FT)

Barerooted plantings  \_\_\_\_\_ type/species (trees, shrubs, grasses)

Container grown plants  \_\_\_\_\_ type/species (trees, shrubs, grasses)

Protected root stock  \_\_\_\_\_ type/species (trees, shrubs, grasses)

Weed control  \_\_\_\_\_ type/species (trees, shrubs, grasses)

Invasive species removed  \_\_\_\_\_ type/species (trees, shrubs, grasses)

Dams removed \_\_\_\_\_ number \_\_\_\_\_ length (ft) \_\_\_\_\_ height (ft)

Fluvial Geomorphology (FGM) \_\_\_\_\_ (ft)

Stream channel restoration \_\_\_\_\_ length (ft)

Fish structures \_\_\_\_\_ number \_\_\_\_\_ type

Rootwads  \_\_\_\_\_ length

J-hook vanes  \_\_\_\_\_ number

Trash removed \_\_\_\_\_ tons \_\_\_\_\_ number of sites

Protection Measures Implemented (describe below)

Please describe activities to date: (include sources of technical assistance)

Sheet F

**Wetlands**

**Existing Site Conditions**

Are wetlands present on the site?  Yes  No

Are any water course(s) affected by the project?  Yes  No

If present, what are the types and acreages:

Type:	Size:
<input type="checkbox"/> PEM (palustrine emergent)	_____
<input type="checkbox"/> PSS (palustrine scrub/shrub)	_____
<input type="checkbox"/> PFO (palustrine forested)	_____
<input type="checkbox"/> POW (palustrine open water)	_____
Total Size:	_____

If affected, what are the Ch. 93 Classification(s):

WWF (Warm Water Fishery)  
  CWF (Cold Water Fishery)  
  TSF (Trout Stocks)  
  HQ (High Quality)  
  EV (Exceptional Value)

What is the contributing drainage area to the wetland project (in acres)?  
 \_\_\_\_\_ acres

What is the predominant land use in the contributing drainage area?  
 \_\_\_\_\_

Are prior Converted Wetlands Areas Present?  Yes  No

Sheet G

**Wetland Protection/Restoration/Creation Projects**

Hydrogeomorphic Classification of Wetland  
 (stream areas are considered riverine):

Existing Wetland Acreage Impacted (0.0):		Acreage Restored or created (0.0):	
Type	Size	Type	Size
<input type="checkbox"/> PEM	_____	<input type="checkbox"/> PEM	_____
<input type="checkbox"/> PSS	_____	<input type="checkbox"/> PSS	_____
<input type="checkbox"/> PFO	_____	<input type="checkbox"/> PFO	_____
<input type="checkbox"/> POW	_____	<input type="checkbox"/> POW	_____

Latitude \_\_\_\_\_ Longitude \_\_\_\_\_      Latitude \_\_\_\_\_ Longitude \_\_\_\_\_

**Enhancement/Functional Gain Projects**

Hydrogeomorphic Classification of Wetland  
 (stream areas are considered riverine):

Enhancement Activity Type	Size of area affected (0.0)
<input type="checkbox"/> Streambank Fencing	_____
<input type="checkbox"/> Wetland Fencing	_____
<input type="checkbox"/> Exotic/Invasive Sp. Cont	_____
<input type="checkbox"/> Hydrologic Manipulation	_____
<input type="checkbox"/> Other	_____
Other Desc.: _____	

Latitude \_\_\_\_\_ Longitude \_\_\_\_\_

Please describe activities to date:



## Demonstration Project

Name of project: \_\_\_\_\_

Type of project \_\_\_\_\_

Mining Related       Yes       No

Non-point Related       Yes       No

Demonstrations Held      \_\_\_\_\_ Number

\_\_\_\_\_ Attendance

Publicity      \_\_\_\_\_ Number

Newspapers      \_\_\_\_\_ Number

Radio Spots      \_\_\_\_\_ Number

TV Spots      \_\_\_\_\_ Number

Internet      \_\_\_\_\_ Number

Magazine Articles      \_\_\_\_\_ Number

Other      \_\_\_\_\_ Number

Describe activities and technologies developed to date for your demonstration project:

## Education Project/Outreach

Schools reached \_\_\_\_\_ number

Children reached \_\_\_\_\_ number

Adults reached \_\_\_\_\_ number

Brochures distributed \_\_\_\_\_ number

Newspaper articles \_\_\_\_\_ number

Radio/TV spots \_\_\_\_\_ number

Magazines \_\_\_\_\_ number

Web site hits \_\_\_\_\_ number

Training sessions held \_\_\_\_\_ number

\_\_\_\_\_ attendance

Workshops held \_\_\_\_\_ number

\_\_\_\_\_ attendance

Describe your efforts to date: