



# MHP and Homeowners Association Asset Management Program

This template is intended for small, community public water systems. It incorporates the Asset Management Plan requirements in Ohio Administrative Code Rules 3745-87-03 and 3745-87-05.

Public Water System Name: \_\_\_\_\_

PWS ID: OH0500112

Date: 4/29/2022

## Public Water System Description

Number of Service Connections: 91 Source: Ground Water

Source Type:  Ground water  Ground water purchased  Surface water  Surface water purchased

Residential Population: 167

Non-Residential Population: 15 \_\_\_\_\_

Interconnections: (List, if applicable) \_\_\_\_\_

## Water System Usage

Average Daily Demand (gpd): 12,421

Hours per day the system runs: System \_\_\_\_\_

capacity: \_\_\_\_\_

Limiting Factor for System Capacity: \_\_\_\_\_

The water usage in the next 5  
 Increase  Decrease  Stay  
 the Same

## Contact Information

Contact Type	Name	Phone	Email	Current Address
Owner	Gary Goosman	740-777-4621	amesvillemayor@gmail.com	Box 213 Amesville, Ohio 45711
Manager	Same	same	same	same
Financial Contact	Tabitha Keirns	740-448-2411	<a href="mailto:Fo.amesville@gmail.com">Fo.amesville@gmail.com</a>	same
Operator	Lee Van Dyke	same	<a href="mailto:gleemaster@gmail.com">gleemaster@gmail.com</a>	same
Sampler	Lee Van Dyke	same	<a href="mailto:gleemaster@gmail.com">gleemaster@gmail.com</a>	Same
Maintenance	Same	Same	Same	same

**Operating Plan**

*Describe or attach your succession plan for critical personnel.  
Attach any cooperative agreements and service contracts.*

**Table of Organization**

Complete the following table.

<i>Title</i>	<i>Job Duties/Responsibilities</i>	<i>To whom does this person report?</i>	<i>Training Attended</i>	<i>Credentials</i>
Owner	Gary Goosman, Mayor	Council	RCAP	Mayor
Manager	Same	Same	Same	Same
Financial Contact	Tabitha Keirns	Mayor	Same	Attorney of Law
Operator	Lee Van Dyke	PWS Operator	EPA	Class 1
Sampler	Lee Van Dyke	Assistant Operator	Same	Class A
Maintenance	Same	Same	Same	same

**Significant Deficiencies**

Has Ohio EPA cited any significant deficiencies for your public water system that are unresolved?  Yes  No

*If yes, list the significant deficiencies here and attach the letter(s) from Ohio EPA which includes the director approved schedule to correct each significant deficiency.*


**External Contacts**

*If a water system has this information included in their Contingency Plan required by Chapter 3745-85-01 of the Administrative Code, they are able to refer to its location in their Plan.*

*Refer to page (fill in page number) in Contingency Plan.*

<b>Contact Type</b>	<b>Name</b>	<b>Day Time Phone Number(s)</b>	<b>After Hours Phone</b>	<b>Email</b>
Ohio EPA District Office	Eric Hart		1-800-282-9378	Eric.Hart@epa.ohio.gov
Ohio EPA Emergency Response		1-800-282-9378	1-800-282-9378	
Police	Amesville Police	740-448-2411	740-591-0721	
Fire Department	AAB Fire Department	740-448-7235	911	
County EMA Director	Athens EMA	740-594-2261	911	
Contractors for Line Breaks	JC Trivett	740-448-1329		
Electric Power Supplier	AEP			
Electricians	Drake Chamberlain			<drake.chamberlin@gmail.com>
Well Drilling and Pump Service Contractors	Smith Brothers			
Mechanical Contractors	TAM			
Equipment and Chemical Suppliers	Thornburg Inc.			
Ohio EPA Certified Laboratories	MASI			
Local Health Districts	Athens County	740-594-5722		
OHWARN		419-966-3624		

**Contracting and Purchasing Procedures for Water System Repair and Replacement.**

*(describe below or attach policy)*

Routine Purchases	Thornburg Inc
Emergency Purchases	Athens Water System

**Written Policies**

*(describe below or attach policy)*

	Attached	Description (if no attached policy)
Security	X	
Use of System Equipment		By authority of the Mayor or Water System Operator
Purchasing Authority		By authority of the Mayor or Water System Operator
Billing practices and revenue collections	X	

**Metrics**

Year:	2018	2019	2020	2021	2022
Operating Ratio					
Operating cost to produce water per service connection:					
Breaks per 10 mile of distribution pipe:	5	4	2	2	2
Non-revenue water (percentage loss)	50%	20%	10%	10%	10%
Maintenance tasks per year (planned vs unplanned) on vertical assets:					
One additional customer service metric to be tracked shall be determined by the water system:	Per customer use				

**Source Water Protection**

Source Water Assessment review date: *(required annually) 09/15/2018*

Checklist reviewed every 5 years or if you have an endorsed plan, reviewed every 3 years or sooner if there is a specified review date in the endorsed plan.)

**Emergency and Contingency Planning**

Include the water system's contingency plan required in the Chapter 3745-85-01 of the Administrative Code as part of your Asset Management Program.

**Schematic**

Draw below by hand or attach a schematic of the major components of the water system including source, treatment, storage and distribution as applicable. If you'd like to create the drawing using Word's line and shape tools, Be sure to save this form as well as the schematic file once you're done.



**Inventory of Assets**

Assets that have a condition of very poor and poor should be in the timeline for rehabilitation and replacement and become projects in the capital improvement plan.

Asset Name	Purchase Date/Installation	Life Expectancy (See Life Expectancy Table)	Estimated Age (How old is the asset?)	Remaining Useful Life (life expectancy - estimated age)	Status of Asset (in use, available, needs repair)	Criticality	Rank Based on Critical	Location <sup>2</sup>	Condition
Backflow Prevention	2018	35-40	1	39	Excellent				
Blow-off Valves	2018	35-40	1	39	Excellent				
Buildings	2018 (rehab)	30-60	1	39	Excellent				
Chlorination Equipment	2018	10-15	1	14	Excellent				
Computers	2021	5	4	4	Excellent				
Distribution Pipes	1961	35-40	59	20	Fair	High			
Electrical Systems	2019	7-10	1	9	Excellent				
Hydrants	2018 (2)	40-60	1	59	Excellent				
Lab/Monitoring Equipment	2018	5-7	1	6	Excellent				
Meters	various	10-15		14	Fair				
Other Treatment		10-15			Excellent				
Pressure Tank 2018			7-10		Excellent				
Pumps 2018			10-15		Excellent				
Service Lines			30-50		Fair: funding via EPA, OWDA, CDBG and OPWC is being sought.				
Storage Tanks 2018 upgrade			30-60		Excellent				
Transportation Equipment None			10						
Valves 2018			35-40		Good: 70% of distribution valves have been replaced in 2018				
Wells 1961			25-35		Excellent: wells were cleaned in 2019				

<sup>1</sup>Criticality = The largest number will have the greatest risk and should be prioritized for projects, etc.

<sup>2</sup>Attach a map showing the location of each asset.

Condition	Description
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Excellent	In relatively new or new condition. The asset has required little to no maintenance.
Good	Acceptable condition. It still functions and requires minor maintenance.
Fair	Deterioration of the asset can be seen. It needs maintenance frequently to be able to perform.
Poor	Failure of the asset is likely and will be need to be replaced in the next few years.
Very Poor	Failure has occurred or is going to. Major maintenance is required or replacement needs to occur.

<b>Asset</b>	<b>Life Expectancy (years)</b>
Backflow Prevention	35-40
Blow-off Valves	35-40
Buildings	30-60
Chlorination Equipment	10-15
Computers	5
Distribution Pipes	35-40
Electrical Systems	7-10
Hydrants	40-60
Lab/Monitoring Equipment	5-7
Meters	10-15
Other Treatment Equipment	10-15
Pressure Tank	7-10
Pumps	10-15
Service Lines	30-50
Storage Tanks	30-60
Transportation Equipment	10
Valves	35-40
Wells	25-35

**Operation and Maintenance Programs:**

*Attach the operation and maintenance programs of water system assets.*

*These programs should be in accordance with Chapter 3745-83-01(H) of the Ohio Administrative Code and the following in accordance with the draft rules 3745-87-03(B)(4) of the Ohio Administrative Code:*

- (a) Standard operating procedures for daily operation of the facility.*
- (b) Maintenance schedules or supporting documentation of the maintenance performed for each of the following as applicable:*
  - (i) Wells, all raw-water reservoirs and intakes.*
  - (ii) Pump stations.*
  - (iii) Electrical equipment and controls.*
  - (iv) Water treatment facilities.*
  - (v) Water storage tanks and/or hydropneumatic tanks.*
  - (vi) Distribution system components, including hydrants and valves.*
  - (vii) Auxiliary power.*
- (c) Demonstration of an adequate maintenance log.*



**Criteria and Timeline for Repair, Rehabilitation, Replacement and Expansion**

*(List criteria for determining repair, rehabilitation, replacement, and expansion below. These are determined by the public water system.)*

**Criteria**

- 1 .     D i s t r i b u t i o n   l i n e s   i n s t a l l e d   1 9 5 8   ( n e e d s   s y s t e m   u p g r a d e )
- 2 .     R e g u l a r   m e t e r   r e p l a c e m e n t s
- 3 . \_\_\_\_\_

**Timeline for Repair, Rehabilitation, Replacement and Expansion**

<i>Asset (Listed in order of priority)</i>	<i>Criteria Met (# from Criteria list above)</i>	<i>Rehabilitation, Replacement, Repair, or Expansion?</i>	<i>Date To Be Completed</i>	<i>Funding Source(s)</i>
Distribution lines and street valves	1	Replace	2025	ARC, CDBG, OPWC
Water meters	2	Replace 7 per year	On-going	Water fees
Computers (state donation every 4 years)	3			

**Capital Improvement Planning**

*Attach three to five-year Capital Improvement Plans for the water system.*

*The Capital Improvement Plans (CIP) should include the following in accordance with the draft rules 3745-87-03(B)(16) of the Ohio Administrative Code:*

- (a) A CIP will include annual projections in three to five-year planning horizons with detailed expenditures in each of those time frames.*
- (b) The projects should be listed by the year in which they are planned and include, at a minimum, the following information:*
  - (i) Description of the project.*
  - (ii) Need for, and benefits of, the project.*
  - (iii) Estimate of project cost, including design and construction.*
  - (iv) Funding sources.*

*Attach a description and estimated cost of significant projected projects for the next 10 to 20 years.*

**Funding**

System Debt:	196,089
Reserve Account Amount: <i>(Should be enough to cover the system's most important asset.)</i>	46,112.00
Number# of Months of Operating Monies on Hand:	9

Fund: 5701 OWDA Design Loan Account Name  
Revenue Final Account Code Budget Budget  
Balance YTD % Received  
5701-971-0000  
Other Debt Proceeds \$0.00 \$0.00 \$0.00 0.000%  
Fund 5701 Sub-Total: \$0.00 \$0.00 \$0.00 0.000%  
Report

Total:  
\$196,089.17 \$196,817.10 \$6,272.07 100.371