



State of Ohio
Public Works Commission
Application for Financial Assistance

IMPORTANT: Please consult "Instructions for Financial Assistance for Capital Infrastructure Projects" for guidance in completion of this form.

Applicant

Applicant: Village of Pemberville Subdivision Code: 173-61504

District Number: 5 County: Wood Date: 09/06/2022

Contact: Carol A. Bailey, Mayor Phone: (419) 287-3832
(The individual who will be available during business hours and who can best answer or coordinate the response to questions)

Email: mayor@villageofpemberville.org FAX: (419) 287-3738

Project

Project Name: Pemberville 150,000 Gallon Elevated Water Storage Tank Improvements Zip Code: 43450

Subdivision Type	Project Type	Funding Request Summary
(Select one)	(Select single largest component by \$)	(Automatically populates from page 2)
☐ 1. County	☐ 1. Road	Total Project Cost: <u>1,900,000 .00</u>
☐ 2. City	☐ 2. Bridge/Culvert	1. Grant: <u>249,999 .00</u>
☐ 3. Township	☒ 3. Water Supply	2. Loan: <u>250,000 .00</u>
☒ 4. Village	☐ 4. Wastewater	3. Loan Assistance/ Credit Enhancement: <u>0 .00</u>
☐ 5. Water (6119 Water District)	☐ 5. Solid Waste	Funding Requested: <u>499,999 .00</u>
	☐ 6. Stormwater	

District Recommendation (To be completed by the District Committee)

Funding Type Requested	SCIP Loan - Rate: _____ % Term: _____ Yrs	Amount: _____ .00
(Select one)	RLP Loan - Rate: _____ % Term: _____ Yrs	Amount: _____ .00
☐ State Capital Improvement Program	Grant:	Amount: _____ .00
☐ Local Transportation Improvement Program	LTIP:	Amount: _____ .00
☐ Revolving Loan Program	Loan Assistance / Credit Enhancement:	Amount: _____ .00
☐ Small Government Program		
District SG Priority: _____		

For OPWC Use Only

STATUS	Grant Amount: _____ .00	Loan Type: ☐ SCIP ☐ RLP
Project Number: _____	Loan Amount: _____ .00	Date Construction End: _____
_____	Total Funding: _____ .00	Date Maturity: _____
Release Date: _____	Local Participation: _____ %	Rate: _____ %
OPWC Approval: _____	OPWC Participation: _____ %	Term: _____ Yrs

1.0 Project Financial Information (All Costs Rounded to Nearest Dollar)

1.1 Project Estimated Costs

Engineering Services

Preliminary Design:	<u>18,980</u>	.00	
Final Design:	<u>55,320</u>	.00	
Construction Administration:	<u>91,900</u>	.00	
Total Engineering Services:	a.) <u>166,200</u>	.00	<u>11</u> %
Right of Way:	b.) <u>10,000</u>	.00	
Construction:	c.) <u>1,559,900</u>	.00	
Materials Purchased Directly:	d.) _____	.00	
Permits, Advertising, Legal:	e.) <u>8,000</u>	.00	
Construction Contingencies:	f.) <u>155,900</u>	.00	<u>10</u> %
Total Estimated Costs:	g.) <u>1,900,000</u>	.00	

1.2 Project Financial Resources

Local Resources

Local In-Kind or Force Account:	a.) _____	.00	
Local Revenues:	b.) <u>300,001</u>	.00	
Other Public Revenues:	c.) _____	.00	
ODOT / FHWA PID: _____	d.) _____	.00	
USDA Rural Development:	e.) _____	.00	
OEPA / OWDA:	f.) <u>1,100,000</u>	.00	
CDBG:	g.) _____	.00	
☐ County Entitlement or Community Dev. "Formula"			
☐ Department of Development			
Other: _____	h.) _____	.00	
Subtotal Local Resources:	i.) <u>1,400,001</u>	.00	<u>74</u> %

OPWC Funds (Check all requested and enter Amount)

Grant: <u>50</u> % of OPWC Funds	j.) <u>249,999</u>	.00	
Loan: <u>50</u> % of OPWC Funds	k.) <u>250,000</u>	.00	
Loan Assistance / Credit Enhancement:	l.) <u>0</u>	.00	
Subtotal OPWC Funds:	m.) <u>499,999</u>	.00	<u>26</u> %
Total Financial Resources:	n.) <u>1,900,000</u>	.00	<u>100</u> %

1.3 Availability of Local Funds

Attach a statement signed by the Chief Financial Officer listed in section 5.2 certifying all local resources required for the project will be available on or before the earliest date listed in the Project Schedule section. The OPWC Agreement will not be released until the local resources are certified. Failure to meet local share may result in termination of the project. Applicant needs to provide written confirmation for funds coming from other funding sources.

2.0 Repair / Replacement or New / Expansion

2.1 Total Portion of Project Repair / Replacement:	<u>1,900,000</u> .00	<u>100</u> %
2.2 Total Portion of Project New / Expansion:	<u>0</u> .00	<u>0</u> %
2.3 Total Project:	<u>1,900,000</u> .00	<u>100</u> %

A Farmland
Preservation letter
is required for any
impact to farmland

3.0 Project Schedule

3.1 Engineering / Design / Right of Way	Begin Date: <u>06/01/2021</u>	End Date: <u>06/01/2023</u>
3.2 Bid Advertisement and Award	Begin Date: <u>08/01/2023</u>	End Date: <u>09/08/2023</u>
3.3 Construction	Begin Date: <u>10/03/2023</u>	End Date: <u>11/29/2024</u>

Construction cannot begin prior to release of executed Project Agreement and issuance of Notice to Proceed.

Failure to meet project schedule may result in termination of agreement for approved projects. Modification of dates must be requested in writing by project official of record and approved by the Commission once the Project Agreement has been executed.

4.0 Project Information

If the project is multi-jurisdictional, information must be consolidated in this section.

4.1 Useful Life / Cost Estimate / Age of Infrastructure

Project Useful Life: 40 Years Age: 1935 (Year built or year of last major improvement)

Attach Registered Professional Engineer's statement, with seal or stamp and signature confirming the project's useful life indicated above and detailed cost estimate.

4.2 User Information

Road or Bridge: Current ADT _____ Year _____ Projected ADT _____ Year _____

Water / Wastewater: Based on monthly usage of 4,500 gallons per household; attach current ordinances.

Residential Water Rate Current \$ 57.60 Proposed \$ 57.60

Number of households served: 568

Residential Wastewater Rate Current \$ 40.20 Proposed \$ 40.20

Number of households served: 554

Stormwater: Number of households served: _____

4.3 Project Description

- A: SPECIFIC LOCATION (Supply a written location description that includes the project termini; a map does not replace this requirement.) 500 character limit.

The project is located on the 5.23 ac. Pemberville Park property (parcel # D16-512-100202001000) and on three adjacent properties to the west presently owned by the Eastwood Local School District (a 2.16 ac. parcel # D16-512-100202003000, a 3.38 ac. parcel # D16-512-100202004000, and a 0.23 ac. parcel # D16-512-100202012000). The project removes the ex. tower at 126 Walnut St and connects to an ex. 12" WL stub on College Ave, to an ex. 6" dead end WL east of the Pool and to the ex WL on Pine St.

- B: PROJECT COMPONENTS (Describe the specific work to be completed; the engineer's estimate does not replace this requirement) 1,000 character limit.

Project involves: 1 new 150,000 gal water tower including interior and exterior coatings; demolition of existing water tower; 440 feet of 12" waterline; 1,005 feet of 8" waterline; 3 each 12" water valve in valve box; 3 each 8" water valve in valve box; remove telemetry from ex tower and install on new tower; electrical improvements; internal mixer; cathodic protection system; 330' feet of 12" storm sewer for site drainage; 2 catch basins; soil erosion and sediment control; maintaining traffic; one fire hydrant; restoration; and related site improvements.

- C: PHYSICAL DIMENSIONS (Describe the physical dimensions of the existing facility and the proposed facility. Include length, width, quantity and sizes, mgd capacity, etc in detail.) 500 character limit.

The existing Pemberville water tower has a 100,000 gallon capacity that was constructed in 1935. The height of the tower to the bottom of the tank is approximately 111 feet and the height of the tank overflow is approximately 125.5 feet.

The proposed water tower will have a 150,000 gallon capacity with a height to the bottom of the tank of approximately 116 feet and a height to the proposed final tank settings overflow of approximately 147 feet.

5.0 Project Officials

Changes in Project Officials must be submitted in writing from an officer of record.

5.1 Chief Executive Officer

(Person authorized in legislation to sign project agreements)

Name: Carol A. Bailey
Title: Mayor
Address: 115 Main Street
P.O. Box 109
City: Pemberville State: OH Zip: 43450
Phone: (419) 287-3832
FAX: (419) 287-3738
E-Mail: mayor@villageofpemberville.org

5.2 Chief Financial Officer

(Can not also serve as CEO)

Name: Sarah Dyer
Title: Fiscal Officer
Address: 115 Main Street
P.O. Box 109
City: Pemberville State: OH Zip: 43450
Phone: (419) 287-3832
FAX: (419) 287-3738
E-Mail: clerk@villageofpemberville.org

5.3 Project Manager

Name: Steven Darmofal
Title: Principal Engineer
Address: 3909 Woodmont Rd

City: Toledo State: OH Zip: 43613
Phone: (419) 265-2400
FAX:
E-Mail: Steve.Darmofal@TDEngineeringLLC.com

6.0 Attachments / Completeness review

Confirm in the boxes below that each item listed is attached (Check each box)

- ☒ A certified copy of the legislation by the governing body of the applicant authorizing a designated official to sign and submit this application and execute contracts. This individual should sign under 7.0, Applicant Certification, below.
- ☒ A certification signed by the applicant's chief financial officer stating the amount of all local share funds required for the project will be available on or before the dates listed in the Project Schedule section. If the application involves a request for loan (RLP or SCIP), a certification signed by the CFO which identifies a specific revenue source for repaying the loan also must be attached. Both certifications can be accomplished in the same letter.
- ☒ A registered professional engineer's detailed cost estimate and useful life statement, as required in 164-1-13, 164-1-14, and 164-1-16 of the Ohio Administrative Code. Estimates shall contain an engineer's seal or stamp and signature.
- ☐ A cooperative agreement (if the project involves more than one subdivision or district) which identifies the fiscal and administrative responsibilities of each participant.
- ☒ Farmland Preservation Review - The Governor's Executive Order 98-IV, "Ohio Farmland Protection Policy" requires the Commission to establish guidelines on how it will take protection of productive agricultural and grazing land into account in its funding decision making process. Please include a Farm Land Preservation statement for projects that have an impact on farmland.
- ☐ Capital Improvements Report. CIR Required by O.R.C. Chapter 164.06 on standard form.
- ☒ Supporting Documentation: Materials such as additional project description, photographs, economic impact (temporary and/or full time jobs likely to be created as a result of the project), accident reports, impact on school zones, and other information to assist your district committee in ranking your project. Be sure to include supplements which may be required by your local District Public Works Integrating Committee.

7.0 Applicant Certification

The undersigned certifies: (1) he/she is legally authorized to request and accept financial assistance from the Ohio Public Works Commission as identified in the attached legislation; (2) to the best of his/her knowledge and belief, all representations that are part of this application are true and correct; (3) all official documents and commitments of the applicant that are part of this application have been duly authorized by the governing body of the applicant; and, (4) should the requested financial assistance be provided, that in the execution of this project, the applicant will comply with all assurances required by Ohio Law, including those involving Buy Ohio and prevailing wages.

Applicant certifies that physical construction on the project as defined in the application has NOT begun, and will not begin until a Project Agreement for this project has been executed with the Ohio Public Works Commission. Action to the contrary will result in termination of the agreement and withdrawal of Ohio Public Works Commission funding from the project.

CAROL A BAILEY mayor
Certifying Representative (Printed form, Type or Print Name and Title)

[Signature] 9-6-22
Original Signature / Date Signed

RECORD OF RESOLUTIONS

Res 771

Dayton Legal Blank, Inc., Form No. 30045

Resolution No.

771

Passed

August 16, 2022

RESOLUTION AUTHORIZING THE VILLAGE OF PEMBERVILLE MAYOR TO PREPARE AND SUBMIT AN APPLICATION TO PARTICIPATE IN THE OHIO PUBLIC WORKS COMMISSION STATE CAPITAL IMPROVEMENT AND / OR LOCAL TRANSPORTATION IMPROVEMENT PROGRAMS AND TO EXECUTE CONTRACTS AS REQUIRED

WHEREAS, the State Capital Improvement Program and the Local Transportation Improvement Program both provide financial assistance to political subdivisions for capital improvements to public infrastructure, and

WHEREAS, the Village of Pemberville is planning to make capital improvements to Elevated Water Storage Tank Project, and

WHEREAS, the infrastructure improvement herein above described is considered to be a priority need for the community and is a qualified project under the OPWC programs,

NOW THEREFORE, BE IT RESOLVED BY THE VILLAGE OF PEMBERVILLE:

SECTION 1: The Mayor is hereby authorized to apply to the OPWC for funds as described above.

SECTION 2: The Mayor is authorized to enter into any agreements as may be necessary and appropriate for obtaining this financial assistance.

Passed:

August 16, 2022

Mayor

Attest:

Fiscal Officer

First Reading

7 19 2022

Second Reading

8 2 2022

Third Reading

8 16 2022



Village of Pemberville

115 Main Street, P.O. Box 109

Pemberville, OH 43450

Phone: (419) 287-3832

Website: www.pemberville.org

Fax: (419) 287-3738

Carol Bailey, Mayor

Sarah Dyer, Fiscal Officer

FISCAL OFFICER'S CERTIFICATION OF LOCAL FUNDS / LOAN REPAYMENT LETTER

August 26, 2022

I, Sarah Dyer, Fiscal Officer of the Village of Pemberville, hereby certify that the Village of Pemberville has the amount of \$301,000 in the Water Capital Improvement Fund and that this amount will be used to pay the local share for the Pemberville 150,000 Gallon Elevated Water Storage Tank Replacement project when it is required.

I, Sarah Dyer, Fiscal Officer of the Village of Pemberville, hereby certify that the Village of Pemberville has / will have / will collect the amount of \$250,000 in the Water Capital Improvement Fund and that this amount will be used to repay the Ohio Public Works Commission SCIP and RLP loan requested for the Pemberville 150,000 Gallon Elevated Water Storage Tank Replacement project over a 30-year term.

Sarah Dyer, Fiscal Officer

Village of Pemberville
Pemberville 150,000 Gallon Elevated Storage Tank Improvements
Project Description for OPWC Round 37 Funding

The project involves the construction of a new 150,000-gallon elevated water storage tank and related site and distribution system improvements to serve the Village of Pemberville. The new water storage tank will replace the existing 100,000-gallon elevated water storage tank that was built in 1935. The existing tower is beyond its useful life, has corrosion problems that need to be addressed, and is becoming increasingly more costly and troublesome to maintain and operate. The existing tank is also undersized for current standards. The existing storage tank will be removed as part of this project. Replacing the elevated water storage tank is vitally important to protect the public health and welfare of the residents in the Village.

The existing 100,000-gallon elevated water storage tank is the original to the system and was built in 1935. It is beyond its useful life and is proposed to be replaced as part of this project. The existing has some coating failures and severe corrosion problems that need to be addressed. The tank is lined on the interior. The Ohio EPA will no longer allow wax and will require epoxy or similar modern paints the next time the interior coating is replaced. Wax coatings are typically only good for 5 years and the tank was last recoated seven years ago. The tank does not provide enough storage volume for average daily plant production most years, and it is not large enough to handle anticipated growth from a new development once all the new homes are constructed. The existing tank has sprung leaks in recent years, and they are becoming more frequent. In 2016 there was a leak on the riser about 80 feet above ground. On August 23, 2022 a leak occurred on the riser approximately 15 feet above ground. Two days later, on August 25, 2022, another leak occurred on the riser, approximately 100 feet above ground and just below the bowl. Two leaks springing in three days underscores the corrosion problems at the existing water tower and the need to replace it with the project. The location of the existing elevated water tank makes it impractical to maintain as residential and commercial buildings are less than 40 feet from the tower on three sides and less than 65 feet from the tower on the fourth side. It will be cost prohibitive for Pemberville to try to rehabilitate the existing tower in its present location and condition.

The Village has been exploring options for replacing their existing elevated water storage tank for many years. A system wide water study was completed in the early 2000s. In August 2022 a Preliminary Design Report was performed for the replacement of the elevated water storage tank. Based on trending and current water production and demands, a 150,000-gallon size is proposed. Different locations for the new tower were looked at, including replacing the existing tower in the same place. After review, the existing tower location is not convenient for construction of a new tower as there is not sufficient space. A centrally located site has been chosen right off the trunk watermain and close to the population center of town. The new tower will be located on the site containing ball fields next to the old school and adjacent to the Village park. The site is currently owned by the Eastwood Local School District, but the Village and the District have reached an agreement in which the District will split a portion of the property and

transfer it to the Village. The Village now is in the process of acquiring the site where the tower will be located. The project includes looping the new waterline through the Pemberville park to connect to the existing dead-end line off Memorial Drive just east of the Pemberville Pool as this loop helps to maintain adequate fire protection in the downtown area after the existing tower is removed. The project also allows a loop connection to the existing waterline on Pine Street. A topographic survey of the project area has been completed along with a boundary survey and a legal description showing the portion of land owned by the school district to be acquired by the Village for the project. All preliminary engineering and survey work for this project has been completed.

The existing water system does not meet current recommendations from Ten States Standards to operate with 60 to 80 psi of pressure. Pemberville's water system currently runs at an average pressure of approximately 51 psi. The new elevated storage tank will be designed higher than the existing to provide higher pressures more in accordance with EPA recommendations.

There are currently 628 water customers served by the Pemberville water system broken out as follows: 558 residential customers in the Village, 10 residential customers outside the Village, 57 commercial customers in the Village, and 3 commercial customers outside the Village. The entire population of the Village of Pemberville will benefit from this project.

For residential customers in the Village, Pemberville charges a base rate of \$5.00 per month per meter as a minimum maintenance charge to help maintain the meters. The water rate usage rate is \$15.35 per 1,000 gallons. The Village has a minimum charge of \$26.87 for 0 to 1,000 gallons. Above the minimum, the Village charges \$8.78 per 1,000 gallons from 1,001 to 20,000 gallons and charges \$8.13 per 1,000 gallons for use above 20,001 gallons. The standard charge for an average residential customer using 4,500 gallons of water use per household is \$57.60 per month. Water charges are billed monthly. The Village last raised rates earlier in 2022. The Village has been setting funds aside for paying for design and local share of the water tower project for several years. Additional rate increases may be implemented, if necessary, to help pay for this project. The utility rate ordinances are attached.

This is a critically important project for Pemberville to be able to safely maintain and operate its water distribution system to providing reliable service and adequate pressures and fire protection and storage volumes for daily consumption. OPWC grant and loan funding is needed because Pemberville is a small community with limited resources and cannot pay for this project and all the other necessary improvements to the water system on their own. The Pemberville water system currently has several outstanding construction loans. The total project estimate is \$1,900,000. The Village is proposing to contribute \$1,650,001, or 86.8% local match towards the project with \$300,001 coming from local funds, \$250,000 coming through the OPWC loan, and \$1,100,000 coming from a loan from OWDA or Ohio EPA DEFA/WPCLF. The remaining \$249,999 of the project cost will be paid through the OPWC grant.

Pemberville 150,000 Gallon Elevated Water Storage Tank - Engineer's Cost Estimate & Useful Life Statement

Pemberville, OH

September 6, 2022

<u>Item</u>	<u>Description</u>	<u>Estimated Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Cost</u>
1	150,000 Gallon Elevated Storage Tank	1	LUMP	\$1,170,000.00	\$1,170,000.00
2	12" Water Supply Pipe	440	FT	\$100.00	\$44,000.00
3	8" Water Supply Pipe	1005	FT	\$90.00	\$90,450.00
4	12" Water Valve in Valve Box	3	EACH	\$4,400.00	\$13,200.00
5	8" Water Valve in Valve Box	3	EACH	\$2,500.00	\$7,500.00
6	Remove Telemetry from Existing Tower and Place on New	1	LUMP	\$8,000.00	\$8,000.00
7	Electrical Improvements	1	LUMP	\$25,000.00	\$25,000.00
8	Internal Mixer	1	LUMP	\$30,000.00	\$30,000.00
9	Cathodic Protection System	1	LUMP	\$33,600.00	\$33,600.00
10	Site Improvements	1	LUMP	\$17,950.00	\$17,950.00
11	12" Storm Sewer for site drainage	330	FT	\$90.00	\$29,700.00
12	Catch Basin	2	EACH	\$2,000.00	\$4,000.00
13	Demolition of Existing Elevated Storage Tank	1	LUMP	\$65,000.00	\$65,000.00
14	Maintaining Traffic	1	LUMP	\$2,500.00	\$2,500.00
15	Fire Hydrant	1	EACH	\$8,500.00	\$8,500.00
16	Soil Erosion & Sediment Control	1	LUMP	\$3,000.00	\$3,000.00
17	Restoration	1	LUMP	\$7,500.00	<u>\$7,500.00</u>

CONSTRUCTION SUBTOTAL

\$1,559,900.00

Construction Contingency

\$155,900.00

Preliminary Design

\$18,980.00

Final Design

\$47,320.00

Geotechnical (Design Phase)

\$4,000.00

Bidding

\$4,000.00

Construction Engineering

\$14,200.00

Construction - Resident Project Representative

\$11,700.00

Construction Administration

\$6,000.00

Specialty Consultant - Tank Inspections

\$50,000.00

Geotechnical Testing and Foundation Inspections

\$10,000.00

Easements and Right-of-Way

\$10,000.00

Permits

\$5,000.00

Legal

\$2,000.00

Advertising

\$1,000.00

TOTAL PROJECT

\$1,900,000.00

I hereby certify that the project cost estimate is \$1,900,000.00.

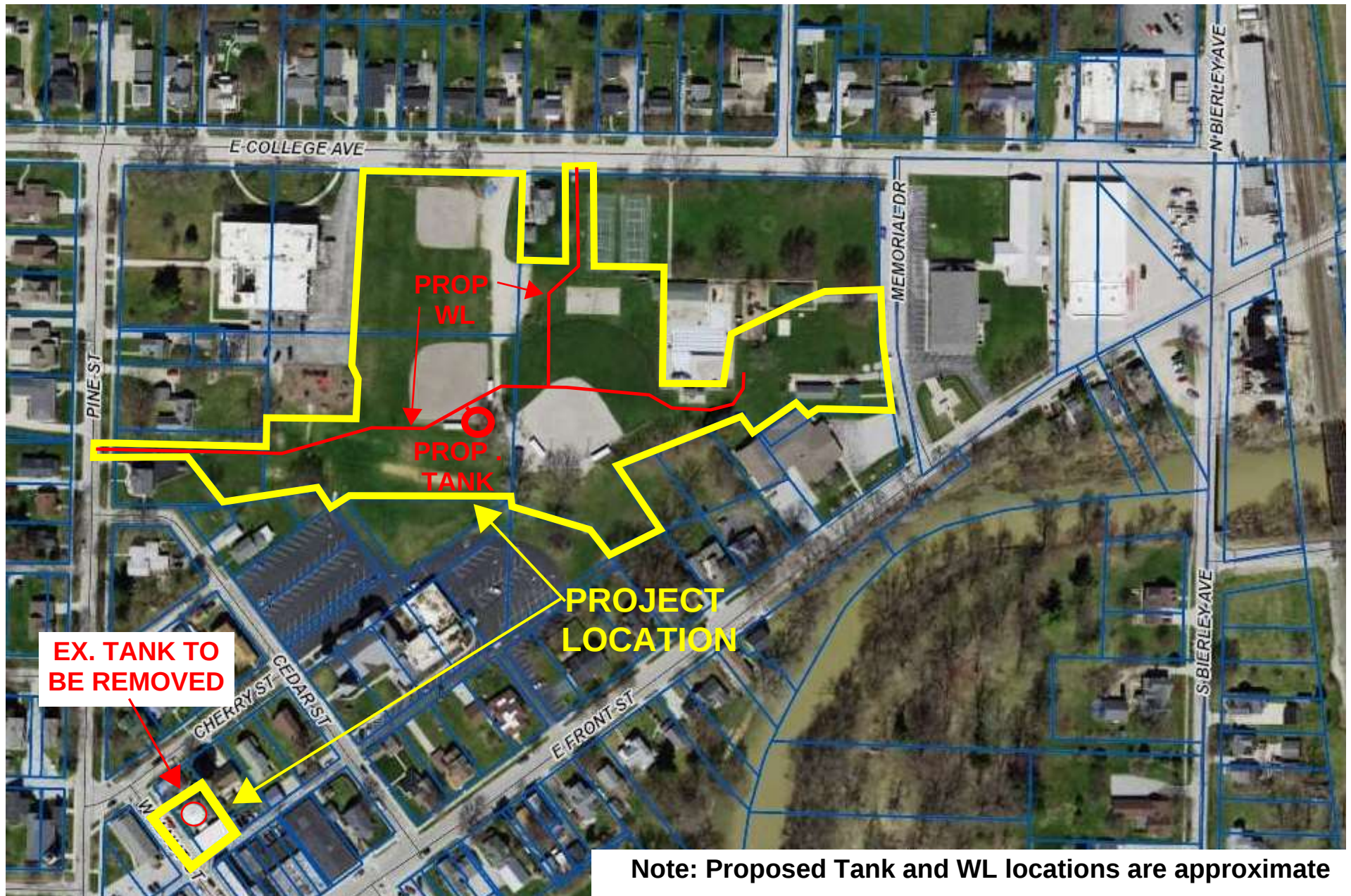
I also hereby certify that the useful life of this proposed project is forty (40) years based upon use, location, design criteria, etc.

Signature: _____

Steven J. Darmofal, P.E.



PEMBERVILLE ELEVATED WATER TANK IMPROVEMENTS PROJECT LOCATION MAP



PEMBERVILLE 150,000 GALLON ELEVATED WATER STORAGE TANK IMPROVEMENTS PY 2023
Photos of Conditions at Existing Water Tower



Figure 1 – Pemberville's Existing 100,000 Gallon Water Tower built in 1935



Figure 2 – Major Leak in Riser Pipe of Existing Pemberville Water Tower on August 23, 2022

PEMBERVILLE 150,000 GALLON ELEVATED WATER STORAGE TANK IMPROVEMENTS PY 2023
Photos of Conditions at Existing Water Tower



Figure 3 – Major Leak in Riser Pipe of Existing Pemberville Water Tower on August 25, 2022



Figure 4 – 2016 Major Leak in Riser Pipe of Existing Pemberville Water Tower

PEMBERVILLE 150,000 GALLON ELEVATED WATER STORAGE TANK IMPROVEMENTS PY 2023
Photos of Conditions at Existing Water Tower



Figure 5 – 2016 Major Leak in Riser Pipe of Existing Pemberville Water Tower



Figure 6 – Existing Tank Interior (2018) Showing Corrosion and Daylighting Above Waterline

PEMBERVILLE 150,000 GALLON ELEVATED WATER STORAGE TANK IMPROVEMENTS PY 2023
Photos of Conditions at Existing Water Tower



Figure 7 – Existing Tank Roof (2018) Showing Corrosion and Daylighting Above Waterline



Figure 8 – Existing Tank Interior (2018) Showing Corrosion and Daylighting Above Waterline

PEMBERVILLE 150,000 GALLON ELEVATED WATER STORAGE TANK IMPROVEMENTS PY 2023
Photos of Conditions at Existing Water Tower



Figure 9 – Existing Tank Interior (2018) Showing Corrosion



Figure 10 – Existing Tank Interior (2018) Showing Corrosion

PEMBERVILLE 150,000 GALLON ELEVATED WATER STORAGE TANK IMPROVEMENTS PY 2023
Photos of Conditions at Existing Water Tower



Figure 11 – Existing Tank Interior (2018) Showing Corrosion and Daylighting Above Waterline



Figure 12 – Existing Tank Interior (2018) Showing Corrosion and Daylighting Above Waterline

PEMBERVILLE 150,000 GALLON ELEVATED WATER STORAGE TANK IMPROVEMENTS PY 2023
Photos of Conditions at Existing Water Tower



Figure 13 – Existing Tank Interior (2018) Showing Corrosion and Daylighting Above Waterline



**Report of Procedures and Findings
From the Cleaning and Inspection of the

Walnut Street Tank
Village of
Pemberville, OH**



**By
Midco Diving & Marine Services, Inc.**

800.479.1558

www.midcodiving.com

info@midcodiving.com

Home Office P.O. Box 513 Rapid City, South Dakota 57709 605-791-3030

Regional Office P.O. Box 7396 Loveland, Colorado 80537 970-532-2128

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January 15, 2019

Village of Pemberville
Attn: Nathan Schultz
115 Main St.
Pemberville, OH 43450

INTRODUCTION

The following is a summary of a visual and video inspection of the Walnut Street Tank for the Village of Pemberville, OH. This inspection was undertaken on October 16, 2018 by Midco Diving & Marine Services, Inc., of Rapid City, SD. The findings of this inspection report are a supplement to the inspection video and worksheets, which are found under the same cover.

The Reservoir, which is the subject of this report, appears to be of conventional design and construction.

METHODOLOGY

The reservoir was inspected by a surface-supplied commercial air diver. The diver was equipped with real-time high-definition color video and a LED lighting system as well as live voice communication between the inspecting diver and the surface team. All procedures were carried-out in accordance with Midco Diving's *Standards and Procedures*. Prior to entering your reservoir the diver and equipment were disinfected with a 200 parts per million chlorine solution per ANSI/AWWA C652-11 standards.

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WALNUT STREET TANK FINDINGS

EXTERIOR FINDINGS

Upon visual inspection of the exterior of the structure, the reservoir appears to be in good condition, with the following findings noted:

1. No weather stripping noted on the access hatch.
2. Roof vent screen is not #24 corrosion resistant mesh.
3. Overflow plumbing does not have #24 corrosion resistant mesh inside the flapper valve.
4. Coating failure with corrosion noted.



INTERIOR FINDINGS

Upon visual inspection of the structure above and below the water line, the overall condition of the tank appears to be in good condition, with the following findings noted:

1. 1" of sediment with rope noted (removed).
2. Reservoir is wax lined.
3. Previous epoxy repairs noted.
4. Daylighting Noted



DISCLAIMER

Midco Diving & Marine Services, Inc. does not provide consulting engineering services, nor do we employ licensed Professional Engineers. The findings contained herein were neither prepared or reviewed by a licensed engineer, but are based on the visual examination, experience, and training of the inspecting diver and dive support crew.

800.479.1558

www.midcodiving.com

info@midcodiving.com

Home Office P.O. Box 513 Rapid City, South Dakota 57709 605-791-3030

Regional Office P.O. Box 7396 Loveland, Colorado 80537 970-532-2128

Village of Pemberville

JOB NUMBER: P2018184
UTILITY: Village of Pemberville
DATE: October 16, 2018
MANAGER: Nathan Schultz
ADDRESS: 115 Main St.
Pemberville, OH 43450

DIVE TEAM LEADER: Jarred Sherer

Reservoir: Walnut Street Tank
Gallons: 100KG
Diameter: 30'
Height: 127'
Water Depth: 18'
Construction: Steel Bolted
Date Built: 1935
Last Cleaned: 2014
Last Inspected: 2014

Recommendations:

1. Begin budgeting for a rehab and restore or replacement.
2. Install weather stripping on the access hatch.
3. Install #24 corrosion resistant mesh on the roof vent and overflow plumbing.
4. Continue to monitor previous epoxy repairs.
5. Repair noted daylighting.
6. Have Midco Diving & Marine Services, Inc. clean and inspect every 3-5 years.

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N/A - Not applicable

Excellent (Ex) - Like new condition, no maintenance needed.

Good - Cosmetic only problems, maintenance if wanted.

Fair - Minor problems, maintenance needed, not immediate.

Poor - Major problems, structural or like, immediate maintenance needed.

Component	Condition					Comments
	NA	Ex.	Good	Fair	Poor	
<i>Site Security</i>			X			
Gate	X					
Fence	X					
Locks			X			
Alarm	X					
<i>Reservoir Exterior</i>			X			
Coating			X			Coating Failure with Corrosion Noted
Foundation			X			
Cleanliness			X			
Seams / Joints			X			
<i>Exterior Roof</i>			X			
Coating				X		Coating Failure with Corrosion Noted
Cleanliness			X			
Seams / Joints			X			
<i>Exterior Ladder</i>			X			Width: 15"
Coating			X			
Caged	X					
Safety Climb			X			Type: Cable
<i>Roof Vents</i>			X			Size: 15" Height: 16"
Coating			X			
Screen				X		Not #24
<i>Side Vents</i>	X					
Coating	X					
Screen	X					
<i>Exterior Telemetry</i>	X					
Coating	X					
Functioning	X					

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Component	Condition					Comments
	NA	Ex.	Good	Fair	Poor	
<i>Manual Level Indicator</i>	X					
Tag	X					
Cable	X					
Indicator	X					
Pulleys	X					
Base	X					
<i>Man Entries</i>			X			Size: 33"
Coating			X			Hardware Corrosion Noted
Gasket			X			
<i>Exterior Inlet</i>	X					
Coating	X					
Valve	X					
<i>Exterior Outlet</i>	X					
Coating	X					
Valve	X					
<i>Exterior Drain/Scour</i>	X					
Coating	X					
Valve	X					
<i>Exterior Water Tap</i>	X					
Coating	X					
Valve	X					
<i>Exterior Overflow</i>			X			Size: 3"
Coating			X			Coating Failure with Corrosion Noted
Stand-offs			X			
Screen				X		Type: Flapper Valve – No Screen Noted
<i>Access Hatch</i>			X			Size: 24" x 24"
Weather Stripping				X		No Weather Stripping Noted
Coating			X			Coating Failure with Corrosion Noted
Hinges			X			
Lock			X			
Safety Railing	X					

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Component	Condition					Comments
	NA	Ex.	Good	Fair	Poor	
<i>Interior Ladder</i>	X					
Caged	X					
Safety Climb	X					
<i>Telemetry Sensor</i>	X					
Functioning	X					
<i>Float</i>				X		
Guide Wires	X					
<i>Interior Floor</i>			X			Previous Epoxy Repairs Noted
Coating			X			Wax Lining Noted
Sediment			X			Depth: 1" of Sediment with Rope Noted (Removed)
Seams / Joints			X			
<i>Interior Walls</i>			X			
Coating			X			Wax Lining Noted
Seams / Joints			X			
<i>Interior Ceiling</i>				X		Daylighting Noted
Coating					X	Coating Failure with Corrosion Noted
Support Structure			X			
<i>Interior Man Entries</i>	X					
Coating	X					
Gasket	X					
<i>Support Columns</i>	X					
Coating	X					
Base	X					
Top	X					
<i>Cathodic Protection</i>	X					
Anodes	X					
Wires	X					
Sacrificial Anodes	X					

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Component	Condition					Comments
	NA	Ex.	Good	Fair	Poor	
<i>Interior Overflow Pipe</i>				X		Size: ~3"
Coating					X	Coating Failure with Corrosion Noted
Top/Cap	X					
Connections/Flange	X					
<i>Interior Inlet</i>			X			
Coating			X			Coating Failure with Corrosion Noted
Riser	X					
<i>Interior Outlet</i>			X			
Coating			X			Coating Failure with Corrosion Noted
Riser	X					
<i>Interior Drain/Scour</i>	X					
Coating	X					
Riser	X					
<i>Interior Water Tap</i>	X					
Coating	X					
Valve	X					

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Cleaning Reservoir



Cleaning Reservoir

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Typical Floor



Previous Epoxy Repairs Noted on Floor

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Previous Epoxy Repairs Noted on Floor



Typical Floor Bolts

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Typical Wall



Roof and Support Structure

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Roof Vent



Wall to Roof Seam – Daylighting Noted

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Overflow Plumbing



Disconnected Wires Noted

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Interior Float



Common Inlet/Outlet – Coating Failure with Corrosion Noted

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Access Hatch – No Weather Stripping Noted



Reservoir Roof – Coating Failure with Corrosion Noted

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Reservoir Roof



Exterior Ladder

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Roof Vent



Roof Vent Screen – Not #24

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Man Entry Way



Overflow Plumbing – No Screen Noted

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Overflow Plumbing



Exterior Reservoir

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EPA Compliant Report		
Finished Water Storage Tank Inspection/ Cleaning Checklist		
Fill out one checklist per storage tank & submit labeled photos of each tank component with this form		
Public Water System Name: Pemberville, OH	Public Water System ID:	
Reservoir Name: Walnut Street Tank	Reservoir ID:	
Proposed Inspection Date: October 16, 2018	Actual Inspection Date: October 16, 2018	
Name of Person Filling Out Form: Kadi Gill	Title of Person Filling Out Form: Sales Coordinator	
I certify that this information is complete and accurate: Yes <i>Kadi Gill</i>		Date: January 15, 2019

Inspector Qualifications (answer to all questions must be "yes")	
Name and contact information of inspector or inspection company: Midco Diving & Marine Services, Inc.	
☒ Yes ☐ No	Has the inspector completed confined space training?
☒ Yes ☐ No	Did the inspector have a confined space entry permit?

Overall Tank Condition				
Significant Deficiency		Required Correction	Proposed Completion Date	Proposed Completion Date
☒ Yes ☐ No	Does the tank appear to be structurally sound?	If no, what repairs are suggested by the tank inspector?		
☐ Yes ☒ No	Are there any unprotected openings in the tank (breaches, leaks, daylight coming through tank in spots, etc.)	If yes, indicate type of breach and how it should be repaired.		

Air Vent				
Significant Deficiency		Required Correction	Proposed Completion Date	Proposed Completion Date
Above Ground Tanks (Ground Level or Elevated) ☐ Check if NA				
☐ Yes ☐ No ☒ N/A	<u>Downturned vent:</u> Is the vent at least 24" or 3 pipe diameters above the roof?	If no reconfigure vent to provide proper air gap.		
☒ Yes ☐ No ☐ N/A	<u>Non-downturned vent:</u> Is there a solid cover down to the bottom of the vent screen?	If no, indicate deficiency and proposed correction:		
☒ Yes ☐ No ☐ N/A	<u>Non-downturned vent:</u> Is the screen at least 8" above the roof surface? What is the height of the start of the screening above the tank?	If no, indicate deficiency and proposed correction:		
☐ Yes ☒ No ☐ N/A	Is the vent covered with #24 mesh corrosion resistant screening (some exceptions apply)? Mesh Size:	If no, indicate deficiency and proposed correction:		

Buried or Partially Buried Tanks ☒ Check if NA				
☐ Yes ☐ No	Is the vent covered with #24 mesh corrosion resistant screening?	If no, install proper #24 mesh corrosion resistant screening.		
☐ Yes ☐ No	Does the air vent terminate downward?	If no, re-configure the vent so that it terminates downward.		
☐ Yes ☐ No	Is the air vent at least 24" above the tank roof or ground surface (whichever is higher)? What is the height of the vent above the roof or ground surface?	If no, raise air vent to provide for an appropriate air gap.		

Access Hatch				
Significant Deficiency		Required Correction	Proposed Completion Date	Proposed Completion Date
☒ Yes ☐ No	Is the hatch raised at least 4" above the roof (for ground level or elevated tanks) or at least 24 inches above the roof or ground, whichever is higher (for buried or partially buried tanks)? What is the height of the access hatch above the roof or ground surface?	If no, the hatch should be raised to the appropriate height above the tank roof or ground.		
☒ Yes ☐ No	Does the hatch have a shoe box lid?	If no, a properly designed shoe box type lid should be installed.		
☐ Yes ☒ No	Is the lid water tight and sealed with a rubber gasket?	If no, the reason for the lack of a seal should be investigated and repaired.		
☒ Yes ☐ No	Is the hatch locked?	If no, the hatch should be equipped with a lock.		

Overflow ☐ Check if NA				
Significant Deficiency		Required Correction	Proposed Completion Date	Proposed Completion Date
☐ Yes ☒ No	Discharge has #24 mesh corrosion resistant screen OR a duckbill valve OR a properly sealed flapper valve with a screen inside (EPA recommends #24 mesh screen)?	If no, indicate proposed correction:		
☐ Yes ☒ No	Overflow terminates between 12 and 24 inches above the ground surface? At what height does the overflow discharge?	If no, modify overflow to provide for an appropriate air gap.		

☒ Yes ☐ No	Overflow discharges over an inlet structure, splash plate, or engineered rip-rap?	If no, indicate proposed correction:		
☐ Yes ☒ No	Is the overflow directly connected to a sanitary sewer or storm drain?	If yes, indicate proposed correction:		
☐ Yes ☒ No	Is there blockage in the overflow, an inadequately sized overflow, a malfunction of the level control system, or other issue that is causing the tank to overflow through the hatch or vent?	If yes, indicate what is causing the problem and how it should be repaired:		
☒ Yes ☐ No	Is the overflow discharge point visible? If no, it is recommended that the discharge point be moved to a location that is visible.	Not Required		

Drain ☒ Check if NA				
Significant Deficiency		Required Correction	Proposed Completion Date	Proposed Completion Date
☐ Yes ☐ No	Does the drain pipe have an air gap of 3 or more pipe diameters above the entrance to any storm or sanitary sewers?	If no, indicate proposed correction:		
☐ Yes ☐ No	Does the discharge have a #24 mesh corrosion resistant screen OR a duckbill valve OR a properly sealed flapper valve with a screen inside? If no, EPA recommends that a #24 mesh screen be installed.		Not Required	
☐ Yes ☐ No	Does the drain terminate between 12 and 24 inches above the ground surface and discharges over an inlet structure or splash plate? If no, it is recommended that the discharge point be modified to provide for the appropriate air gap.		Not Required	

Cleaning and Other Items				
Significant Deficiency		Required Correction	Proposed Completion Date	Proposed Completion Date
Describe any other items noted by the inspector that have the potential to cause contamination of the finished drinking water:		What repairs are suggested to prevent or eliminate the source of contamination?		
Depth of sediment found in the tank before cleaning (inches): Up to 1" of sediment noted How was the storage tank cleaned? Diver with hand nozzle system How was the storage tank disinfected after cleaning? N/A List any objects found inside the tank during cleaning that may have introduced contamination into the water system (examples: debris, animals, etc.): Rope Noted (Removed) Please attach tank as-built drawings (if available) or a sketch of the tank's configuration and dimensions including the location, layout and dimensions of all major components (i.e. access hatch, vent, overflow, drain)				

District 5

Capital Improvement Project

Priority Rating Sheet, Round 37

Revised 05/03/2022

PROJECT NUMBER:

COUNTY: WOOD

PROJECT: PEMBERVILLE 150,000 GALLON ELEVATED WATER STORAGE TANK IMPROVEMENTS

EST. COST: \$1,900,000

No.	"A" WEIGHT FACTOR	CRITERIA TO BE CONSIDERED	"B" PRIORITY FACTORS						"A" x "B"		PRIORITY FACTORS						No.
			0	2	4	6	8	10			0	2	4	6	8	10	
1	1	(REPAIR OR REPLACE) vs. (NEW OR EXPANSION)						10	10		0% +	20% +	40% +	60% +	80% +	100% +	1
											Repair or Replacement	Repair or Replacement	Repair or Replacement	Repair or Replacement	Repair or Replacement	Repair or Replacement	
2A	1	EXISTING PHYSICAL CONDITION Please refer to Criteria #2 of the Round 37 Scoring Methodology. Must submit substantiating documentation. (100% New or Expansion = 0.5 points)						10	10		0	2	4	6	8	10	2A
											Excellent	Good	Fair	Fading	Poor	Failing	
2B	1	AGE						5	5	Type	0	1	2	3	4	5	2B
										Road	0-4 Yrs	5-8 Yrs	9-12 Yrs	13-16 Yrs	17-20 Yrs	20+ Yrs	
										Wastewater Bridge/Culvert	0-6 Yrs	7-12 Yrs	13-18 Yrs	19-24 Yrs	25-30 Yrs	30+ Yrs	
										Sanitary Sewer, Water Supply, Storm Water, Solid Waste	0-10 Yrs	11-20 Yrs	21-30 Yrs	31-40 Yrs	41-50 Yrs	50+ Yrs	
3	2	PUBLIC HEALTH AND/OR SAFETY CONCERNS Submittals without supporting documentation will receive 0 points for this criterion						8	16		0	2	4	6	8	10	3
											No Impact	Minimal	Moderate	Major	Critical	Extremely Critical	
4	2	LOCAL MATCHING FUNDS Percentage of Local Share (Local funds are funds derived from the applicant budget or a loan to be paid back through the applicant budget, assessments, rates or tax increments)						10	20		0	2	4	6	8	10	4
											0%	10%	20%	30%	40%	50%	
5	1	OTHER FUNDING (Excluding Issue II Funds) (Grants and other revenues not contributed or collected through taxes by the applicant; including Gifts, Contributions, etc. - must submit copy of award or status letter.)	0						0		0%	10%	20%	30%	40%	50%	5
6		OPWC GRANT AND LOAN FUNDS REQUESTED Please refer to Criteria #6 of the Round 35 Methodology for clarification.															6
	2	Grant or Loan Only	-9	-8	0	8	9	10			-9	-8	0	8	9	10	6
		0									\$500,001 or more	\$400,001 to \$500,000	\$325,001 to \$400,000	\$275,001 to \$325,000	\$175,001 to \$275,000	\$175,000 or less	
	2	Grant /Loan Combination	-9	-8	0	8	9	10	0		\$750,000 or more	\$600,001 to \$750,000	\$487,501 to \$600,000	\$412,501 to \$487,500	\$262,501 to \$412,500	\$262,500 or less	6
		When scoring a project that is only grant or only loan. Please use the chart labeled "Grant or Loan Only". When scoring a grant/loan combination, score the project for the grant in the first chart, then use the second chart labeled "Grant/Loan Combination" to score the total (grant and loan combined). Use the lower of the two as the score.															
7	1	JOB CREATION/RETENTION Indicate full time equivalent jobs. Include supporting documentation in the form of a commitment letter from business or third party entity.	0	2	4	6			0		0-6 Jobs	7-14 Jobs	15-24 Jobs	25+ Jobs			7
8	1	BENEFIT TO EXISTING USERS (households or traffic counts) Equivalent existing unit direct connections. Traffic Counts within two years with certified documentation, etc.						6	6		0	2	4	6	8	10	8
											0 - 99 Users	100 - 349 Users	350 - 499 Users	500 - 749 Users	750 - 1000 Users	1000+ Users	
9	1	ECONOMIC DISTRESS Local MHI as a percentage of the District Median MHI	0	1	2				0		100%+	80%-100%	Less Than 80%				9
10	1	READINESS TO PROCEED	0	1	2				1		0	1	2				10
											Plans Not Begun Yet	Preliminary Engineering Complete	Final Design Complete				
11		SUBTOTAL RANKING POINTS (MAX. = 115)							68		Other Info: Does this project have a significant impact on productive farmland? YES ☒ NO Attach impact statement if yes. Is the Applicant ready to proceed to bids after State Approval within 6 months? ☒ YES NO						
12		COUNTY SUBCOMMITTEE PRIORITY POINTS (25-20-15)															
13A		DISCRETIONARY POINTS (BY DISTRICT ONLY) (MAX.=1)									District Discretionary Point may be awarded to projects that demonstrate significant Area-wide, County, or Community Impact. Include documentation to support the claim of significance.						
13B		DISCRETIONARY POINTS (BY DISTRICT ONLY) (MAX.=1)									District Discretionary Point may be awarded to projects that demonstrate that the entity has maximized financial resources including assessments and utility rate structure.						
14		GRAND TOTAL RANKING POINTS															

* Applicants must certify local and other share contributions. Specify, all funding sources to be utilized as local share at the time of application submittal.

**DISTRICT 5
CAPITAL IMPROVEMENT PROJECTS
QUESTIONNAIRE
ROUND 37**

Name of Applicant: Village of Pemberville
Project Title: Pemberville Water Tower Improvements

The following questions are to be answered for each application submitted for State Issue II SCIP, LTIP and Loan Projects. Please provide specific information using the best documentation available to you. Justification of your responses to these questions will be required if your project is selected for funding, so please provide correct and accurate responses. **Villages and Townships under 5,000 in population should also complete the Small Government Criteria.**

1. What percentage of the project in repair A= __%, replacement B= ¹⁰⁰ __%, expansion C= __%, and new D= __%? (Use dollar amounts of project to figure percentages and make sure the total equals one hundred(100) percent) A+B= __% C+D= __% **ORC Reference(s):164.06(B)(1); 164.14(E)(10)**

Repair/Replacement = Repair or Replacement of public facilities owned by the government (any subdivision of the state).

New/Expansion = Replacement of privately owned wells, septic systems, private water or wastewater systems, etc.

- 2a. Existing Physical Condition of Infrastructure **ORC Reference(s):164.06(B)(2);164.14(E)(9);164.14(E)(2); 164.14(E)(8)**

Rating Guidance for Physical Condition: The basic logic behind the **condition** category descriptions is: don't tell us how bad the infrastructure condition is - show us. If the infrastructure has failed in some way to the point that it needs replaced, the project should receive the highest points, if major components have failed, but it doesn't require replacement the project should receive fewer points and if it needs maintained it receives even fewest points.

Points	Category	Description	Examples
10	Failing	Infrastructure has reached a point where it requires replacement, reconstruction or reconfiguration to fulfill its purpose	Road/Bridge -Intersection Reconfiguration due to accident problem-Structural paving of 3.5" or greater of additional pavement - Pavement Widening to meet ODOT L&D Standards - Complete Pavement Reconstruction - Complete Bridge or Culvert replacement -Widening graded shoulder width to ODOT L&D Standard Water, San. Sewer/Storm -Water, Sewer, or Storm Line Replacement - Water or Sewer Plant Replacement -Replacement of a major component of a water and/or sewer treatment plant which would result in a failure in meeting WQ Standards -Project replaces a facility under EPA orders or where demand exceeds capacity or where

			a documented environmental hazard is present.
8	Poor	The condition is substandard and requires repair or restoration in order to return to the intended level of service and comply with current design standards. Infrastructure contains deficiency and is functioning at a diminished capacity.	Road -Multiple course of paving- Single course of paving with 25% base repair-Widening graded shoulder width to less than ODOT L&D Standard -Structural Culvert Lining -Bridge Deck Replacement Water, San. Sewer/Storm- Replacement of a component such as a control mechanism, pumps, hydrants, valves, filters, etc of a water or sewer plant – Project repairs a facility component ordered by a regulatory agency.
6	Fading	The condition requires reconditioning to continue to function as originally intended.	Road/Bridge- Single course of paving- Widening aggregate berm on existing graded shoulder width Water, San. Sewer/Storm- Sewer Lining Projects -Water tower painting -Repair of a tank to maintain structural integrity in existing water and sewer systems- Project repairs a facility component considered to be maintenance in nature.
4	Fair	The condition is average, not good or poor. The infrastructure is still functioning as originally intended. Minor deficiencies exist requiring repair to continue to function as originally intended and/or to meet current design standards	
2	Good	The condition is safe and suitable to purpose. Infrastructure is functioning as originally intended, but requires minor repairs and/or upgrades to meet current design standards	
0	Excellent	The condition is new or requires no repair. Or, no supporting documentation has been submitted	

2b. Age of Infrastructure **ORC Reference(s):164.06(B)(2)**

Life	20	30	50
Project Type	Road	Wastewater and Water Treatment	Bridge/Culvert, Sanitary Sewer, Water Supply , Storm Water, Solid Waste
Points			
0	0-4 Years	0-6 Years	0-10 Years
1	5-8 Years	7-12 Years	11-20 Years
2	9-12 Years	13-18 Years	21-30 Years
3	13-16 Years	19-24 Years	31-40 Years
4	17-20 Years	25-30 Years	41-50 Years

5	20+ Years	30+ Years	50+ Years
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3. Health and Safety Rating: **ORC Reference(s):164.06(B)(4),164.14(E)(1); 164.14(E)(10)**

If the proposed project is not approved what category would best represent the impact on the general health and/or public safety?

ROADS

Extremely Critical: Resurfacing, Restoration, Rehabilitation and Reconstruction (4R) of a Major Access Road.*

Critical: Resurfacing, Restoration and Rehabilitation (3R) of a Major Access Road.*

Major: Resurfacing, Restoration, Rehabilitation and Reconstruction (4R) of a Minor Access Road.*

Moderate: Resurfacing, Restoration and Rehabilitation (3R) of a Minor Access Road.*

Minimal: Preventative Maintenance of a Major Access Road.

No Impact: Preventative Maintenance of a Minor Access Road.

Projects that have a variety of work will be scored in the LOWEST category of work contained in the Construction Estimate.

Road/Street Classifications:

Major Access Road: Roads or streets that have a dual function of providing access to adjacent properties and providing through or connecting service between other roads.

Minor Access Road: Roads or streets that primarily provide access to adjacent properties without through continuity, such as cul-de-sacs or loop roads or streets.

Preventative Maintenance: Non Structural Pavement work such as chip sealing, cape sealing, micro-surfacing, crack sealing, etc.

*(3R) Resurfacing, Restoration and Rehabilitation - Improvements to existing roadways, which have as their main purpose, the restoration of the physical features (pavement, curb, guardrail, etc.) without altering the original design elements. **(Surface and Intermediate layer Mill and Fills, overlays with less than or equal to 3.5" of additional pavement, etc....)**

*(4R) Resurfacing, Restoration, Rehabilitation and Reconstruction - Much like 3R, except that 4R allows for the complete reconstruction of the roadway and alteration of certain design elements (i.e., lane widths, shoulder width, SSD, **overlays with greater than 3.5" of additional pavement.** etc.).

BRIDGES SUFFICIENCY RATING

Extremely Critical: 0-25, or a General Appraisal rating of 3 or less.

Critical: 27-50, or a General Appraisal rating of 4.

Major: 51-65 or a General Appraisal rating of 5 or 6.

Moderate:	66-80 or a General Appraisal rating of 7.
Minimal:	81-100 or a General Appraisal rating of more than 7.
No Impact:	Bridge on a new roadway.

WASTEWATER TREATMENT PLANTS

Extremely Critical:	Improvements required by the Environmental Protection Agency (EPA) in the form of a consent decree, finding and orders or court order, and Health Department Construction Ban.
Critical:	Improvements required by the Environmental Protection Agency (EPA) in the form of NPDES permit requirements or Notice of Violations.
Major:	Operational Improvements to Existing Plants. Replace deficient appurtenances. Update existing processes due to EPA recommendations.
Moderate:	Increase capacity to meet current needs or update processes to improve effluent quality.
Minimal:	New/Expansion project to meet a specific development proposal.
No Impact:	New/Expansion to meet future or projected needs.

WATER TREATMENT PLANT

Extremely Critical:	EPA orders in the form of a consent decree, findings and orders or court order.
Critical:	Improvements to meet Environmental Protection Agency (EPA) Safe Drinking Water Regulations and/or Notice of Violations.
Major:	Operational Improvements to Existing Plants. Replace deficient appurtenances. Update existing processes due to EPA recommendations.
Moderate:	Increase capacity to meet current needs or update processes to improve water quality.
Minimal:	New/Expansion project to meet a specific development proposal.
No Impact:	New/Expansion to meet future or projected needs.

COMBINED SEWER SEPARATIONS (May be construction of either new storm or sanitary sewer as long as the result is two separate sewer systems.)

Extremely Critical:	EPA orders in the form of a consent decree, findings and orders or court order. Health Department Construction Ban.
Critical:	Separate, due to chronic backup or flooding in basements.
Major:	Separate, due to documented water quality impairment, or due to EPA recommendations.
Moderate:	Separate, due to specific development proposal within or upstream of the combined system area.
Minimal:	Separate, to conform to current design standards.

No Impact: No positive health effect.

STORM SEWERS

Extremely Critical: Improvements ordered by the Environmental Protection Agency (EPA) in the form of a consent decree, findings and orders or court order.

Critical: Chronic flooding (structure damage) or improvements required by the Environmental Protection Agency (EPA) in the form of NPDES permit requirements or Notice of Violations.

Major: Inadequate capacity (land damage).

Moderate: Inadequate capacity with no associated damage.

Minimal: New/Expansion to meet current needs.

No Impact: New/Expansion to meet future or project needs.

CULVERTS

Extremely Critical: Structurally deficient or functionally obsolete. Deterioration has already caused a critical safety hazard to the public.

Critical: Inadequate capacity with land damage and the existing or high probability of property damage.

Major: Inadequate capacity (land damage).

Moderate: Inadequate capacity with no associated damage.

Minimal: New/Expansion to meet current needs.

No Impact: New/Expansion to meet future or projected needs.

SANITARY SEWERS

Extremely Critical: EPA orders in the form of a consent decree, findings and orders or court order. Health Department Construction Ban.

Critical: Replace, due to chronic pipe failure, chronic backup or flooding in basements, sewer system overflows, and/or improvements required by the Environmental Protection Agency (EPA) in the form of NPDES permit requirements or Notice of Violations.

Major: Replace, due to inadequate capacity or infiltration, or due to EPA recommendations.

Moderate: Rehabilitate to increase capacity to meet current needs or to reduce inflow and infiltration.

Minimal: New/Expansion project to meet a specific development proposal.

No Impact: New/Expansion to meet future or projected needs.

SANITARY LIFT STATIONS AND FORCE MAINS

Extremely Critical:	Structurally deficient. Deterioration has already caused a safety/health hazard to the public, or; EPA orders in the form of a consent decree, findings and orders or court order.
Critical:	Inadequate capacity with actual or a high probability of property damage; or improvements required by the Environmental Protection Agency (EPA) in the form of NPDES permit requirements.
Major:	EPA recommendations, or; reduces a probable health and/or safety problem.
Moderate:	Rehabilitate to increase capacity to meet current needs.
Minimal:	New/Expansion to meet a specific development proposal.
No Impact:	New/Expansion to meet future or projected needs.

WATER PUMP STATIONS

Extremely Critical:	Structurally deficient. Deterioration has already caused a safety hazard to the public, or, EPA orders in the form of a consent decree, findings and orders or court order.
Critical:	Inadequate capacity with the inability to maintain pressure required for fire flows.
Major:	Replace due to inadequate capacity or EPA recommendations.
Moderate:	Rehabilitate to increase capacity to meet current needs.
Minimal:	New/Expansion to meet a specific development proposal.
No Impact:	New/Expansion to meet future or projected needs.

WATER LINES/WATER TOWERS

Extremely Critical:	Replace to solve low potable water pressure or excessive incidents of main breaks in project area.
Critical:	Replacement/Rehabilitation due to structural deficiency such as excessive corrosion and/or safety upgrades, etc.
Major:	Replace undersized water mains as part of an overall upgrade process. Replace water meters that have exceeded their useful life.
Moderate:	Increase capacity to meet current needs. Spot repairs/recoating to restore moderate corrosion of water components.
Minimal:	New/Expansion project to meet a specific development proposal.
No Impact:	New/Expansion to meet future or projected needs.

OTHER

Extremely Critical: There is a present health and/or safety threat.

Critical: The project will provide immediate health and/or safety benefit.

Major: The project will reduce a probable health and/or safety problem.

Moderate: The project will delay a health and/or safety problem.

Minimal: A possible future health and/or safety problem mitigation.

No Impact: No health and/or safety effect.

NOTE: *Combined projects that can be rated in more than one subset may be rated in the other category at the discretion of the District 5 Executive Committee. In general, the majority of the cost or scope of the project shall determine the category under which the project will be scored.*

(Submittals without supporting documentation will receive 0 Points for this question.)

Extremely Critical ____, Critical ____, Major ____, Moderate ____, Minimal ____, No Impact ____. Explain your answer.

(Additional narrative, charts and/or pictures should be attached to questionnaire)

4. Identify the amount of local funds that will be used on the project as a percentage of the total project cost. **ORC Reference**164.06(B)(6);)ORC164.06(B)(7); ORC164.06(B)(3); ORC164.14(E)(4)

A.) Amount of Local Funds = \$ 1,650,001

B.) Total Project Cost = \$ 1,900,000

RATIO OF LOCAL FUNDS DIVIDED by TOTAL PROJECT COSTS ($A \div B$)= 86.8 %

Note: Local funds should be considered funds derived from the applicant budget or loans funds to be paid back through local budget, assessments, rates or tax revenues collected by the applicant.

5. Identify the amount of other funding sources to be used on the project, excluding SCIP or LTIP Funds, as a percentage of the total project cost. **ORC Reference(s):**164.06(B)(7);164.14(E)(4)

Grants ____% Gifts ____%, Contributions ____%

None

Other ____% (explain)_____, Total ____%

Note: Grant funds and other revenues not contributed or collected through taxes by the applicant should be considered other funds. The Scope of Work for each Funding Source must be the same.

6. Total Amount of SCIP and Loan Funding Requested- An Applicant can request a grant per the categories below for points as indicated on the Priority Rating Sheet. If the Applicant is including a loan request equal to, but not exceeding 50% of the OPWC funding amounts listed below, there will be no

point penalty. If loan funds requested are more than 50%, points as listed in the Priority Rating Sheet will apply. **ORC Reference(s):164.14(E)(10);164.06(B)(5)**

_____	\$500,001 or More
<u> X </u>	\$400,001-\$500,000
_____	\$325,001-\$400,000
_____	\$275,001-\$325,000
_____	\$175,001-\$275,000
_____	\$175,000 or Less

There are times when the District spends all of the grant money and has loan money remaining. When this happens, the district makes a loan offer in the amount of the requested grant to the communities that were not funded. The offers are made in the order of scoring. We need to know if you are not successful in obtaining grant dollars for your project if you would be interested in loan money:

YES X NO _____

(This will only be considered if you are not funded with grant money and there is remaining loan money.) **Please note: if you answer “no” you will not be contacted, only if you answer “yes” will an offer be made in the event that there is loan money remaining.**

7. If the proposed project is funded, will its completion directly result in the creation of permanent full-time equivalent (FTE) jobs (FTE jobs shall be defined as 36 hours/week) ? Yes ___ No X . If yes, how many jobs within eighteen months? ___ Will the completed project retain jobs that would otherwise be permanently lost? Yes ___ No X . If yes, how many jobs _____ **will be created/retrained** within 18 months **following the completion of the improvements?**

ORC Reference(s): 164.14(E)(3);164.14(E)(10)

(Supporting documentation in the form of letter from affected industrial or commercial enterprises that specify full time equivalent jobs that will be retained or created directly by the installation or improvement of Public infrastructure. Additional items such as; 1) newspaper articles or other media news accounts, 2) public meeting minutes, and/or 3) a letter from the County Economic Development Director or State of Ohio Economic Development Professional that alludes to the requirement for the infrastructure improvement to support the business. Submittals without supporting documentation will receive 0 points for this question.)

8. What is the total number of existing users that will directly benefit from the proposed project if completed? 568 (Use households served, traffic counts, etc. and explain the basis by which you arrived at your number.) **ORC Reference 164.14(E)(7); 164.06(B)(10)**

9. Economic Distress Criteria **ORC Reference 164.06(B)(8)**

What is the Local Median Household Income as a percentage of the District Median Household Income? 122.4 %. Please utilize the Economic Distress Scoring Criteria based on ACS 2013-2017 Data

provided in Exhibit A.

10. Readiness to Proceed Criteria **ORC Reference 164.06(B)(9); ORC 164.14(E)(5)**

Please categorize the status of planning and design elements for the project.

- _____ Plans have not begun yet (0 Points)
_____ X Preliminary Engineering Complete (1 Point)
_____ Final Design Complete (2 Points)

11. Base Score Total for Questions 1-10= 68

12. County Subcommittee Priority Points= _____
(25-20-15 Points for each of the SCIP and LTIP Project Categories)

13. DISCRETIONARY POINTS (BY DISTRICT COMMITTEE ONLY)

13a. A **District Discretionary Point** may be awarded to projects that demonstrate significant Area-wide, County, or Community Impact. (Include documentation to support the claim of significance)
(Maximum of 1 Point at the discretion of the District Executive Committee) _____

ORC Reference 164.14(E)(7)

13b. A **District Discretionary Point** may be awarded to projects that demonstrate that the entity has maximized local financial resources including assessments. Provide a Fund Status Report and/or the water and sanitary waste utility rate structures are at least 2.5% of area median household income for combined systems and 1.5% of the area median household income for water and sanitary only systems. Please provide rate ordinances for water and sanitary sewer to be considered for discretionary points. (Maximum of 1 Point at the discretion of the District 5 Executive Committee) _____ **ORC Reference 164.06(B)(3)**

14. **Grand Total of Points** _____

15. Is subdivision's population less than 5,000 Yes No ____ If yes, continue. You may want to design your project per Small Government Project Evaluation Criteria, released for the current OPWC Round to assist in evaluating your project for potential Small Government Funding. The Small Government Criteria is available on the OPWC website at

<https://www.pwc.ohio.gov/Portals/0/Data/SmallGovernment%20Round%2036%20Methodology.pdf?ver=2019-08-07-071749-143>

16. **OHIO PUBLIC WORKS COMMISSION SMALL GOVERNMENT PROGRAM GUIDELINES**

All projects that are sponsored by a subdivision with a population of 5,000 or less, and not earning

enough points for District Funding from SCIP or LTIP Funds, are then rated using the Small Government Program Rating Criteria for the corresponding funding round. In order to be rated the entity must submit the Small Government Supplement and their required budgets with their application. **Only infrastructure that is village- or township- owned is eligible for assistance.** The following policies have been adopted by the Small Government Commission:

- District Integrating Committees may submit up to seven (7) applications for consideration by the Commission. All 7 must be ranked, however, only the top five (5) will be scored. The remaining two (2) will be held as contingency projects should an application be withdrawn.
- Grants are limited to \$500,000. Any assistance above that amount must be in the form of a loan.
- Grants for new or expanded infrastructure cannot exceed 50% of the project estimate.
- The Commission may deny funding for water and sewer systems that are deemed to be more cost-effective if regionalized.
- If a water or sewer project is determined to be affordable, the project will be offered a loan rather than a grant. Pay special attention to the **Water & Wastewater Affordability Supplemental and the Small Government Water & Wastewater Affordability Calculation Worksheet. Both are available on the Small Government Program Tab at <https://www.pwc.ohio.gov/Programs/Infrastructure-Programs/Small-Government>**
- Should there be more projects that meet the “annual score” than there is funding, the tie breaker is those projects which scored highest under Health & Safety, with the second tie breaker being Condition. If multiple projects have equivalent Health & Safety and Condition scores they are arranged according to the amount of assistance from low to high. Once the funded projects are announced, “contingency projects” may be funded from project under-runs by continuing down the approved project list.
- Supplemental assistance is not provided to projects previously funded by the Commission.
- Applicants have 30 days from receipt of application by OPWC without exception to provide additional documentation to make the application more competitive under the Small Government criteria. Applications will be scored after the 30-day period has expired. The applicants for each District's two (2) contingency projects will have the same 30-day period to submit supplemental information but these applications will not be scored unless necessary to do so. **It is each applicant's responsibility for determining the need for supplemental material. The applicant will not be asked for or notified of missing information unless the Commission has changed the project type and it affects the documentation required. Important information may include, but is not limited to: age of infrastructure, traffic counts or utility users, median income information, user rates ordinances, and the Auditor's Certificate of Estimated Revenues or documentation from the Auditor of State that subdivision is in a state of fiscal emergency.**

If you desire to have your Round 37 project considered for Small Government Funding please download the Small Government Evaluation Criteria applicable to Round 36 by accessing the OPWC Website at <https://www.pwc.ohio.gov/Portals/0/Data/SmallGovernment%20Round%2036%20Methodology.pdf?ver=2019-08-07-071749-143>. Please follow the Small Government Evaluation Criteria and include supporting documentation to receive points. Specifically, include the Auditor's

Certification of funds for your entity and documentation supporting the age of the infrastructure.

Please complete the Small Government Evaluation Criteria and attach all required supporting documentation and attach it to the District 5 Questionnaire for Round 37.

Date: 9/6/22
 Signature: *Steve Darmofal*
 Title: Principal Engineer
 Address: TD Engineering, LLC 3909 Woodmont Rd, Toledo, OH 43613
 Phone: 419-265-2400
 FAX: _____
 Email: Steve.Darmofal@TDEngineeringLLC.com

Exhibit A- District 5 Economic Distress Factor

District 5 will use ACS 2015-2019 data below to score criteria #7 of the Scoring Methodology. Information is listed for each county, municipality and township. The Median Household Income (MHI) for each entity was divide by the District 5 Mean MHI to produce an Economic Distress Factor. District 5 then assigned points as follows: for each entity having an Economic Distress Factor of 80% or less a score of 2 is awarded; for entities with an Economic Distress Score of 80.1% to 100.0% 1 point was awarded; for entities in excess of 100.1% a score of 0 was awarded.

County	Jurisdiction	MHH Income	Population	Distress Ratio	
	District 5	\$60,000			
Paulding	Haviland village	\$33,750	215	0.5625	2 Pts.
Paulding	Grover Hill village	\$36,964	402	0.6161	
Wood	Bowling Green city	\$37,346	30,028	0.6224	
Erie	Sandusky city	\$38,380	25,793	0.6397	
Ottawa	Erie township	\$39,346	1,221	0.6558	
Wood	Fostoria city	\$39,688	13,441	0.6615	
Wood	Walbridge village	\$40,614	3,019	0.6769	
Sandusky	Fremont city	\$41,305	16,734	0.6884	
Williams	Madison township (Remainder of)	\$41,406	976	0.6901	
Paulding	Emerald township (Remainder of)	\$41,875	789	0.6979	
Sandusky	Elmore village	\$42,045	1,410	0.7008	
Ottawa	Elmore village	\$42,045	1,410	0.7008	
Ottawa	Port Clinton city	\$42,045	6,056	0.7008	
Paulding	Paulding village	\$42,461	3,605	0.7077	
Williams	Bryan city	\$42,670	8,545	0.7112	
Paulding	Antwerp village	\$42,759	1,736	0.7127	
Paulding	Broughton village	\$43,125	120	0.7188	
Ottawa	Oak Harbor village	\$43,922	2,759	0.7320	
Paulding	Oakwood village	\$44,000	608	0.7333	
Paulding	Payne village	\$44,052	1,194	0.7342	

Henry	Harrison township (Remainder of)	\$69,557	1,025	1.1593	0 Pt.
Henry	Flatrock township (Remainder of)	\$69,691	962	1.1615	
Wood	Perrysburg township	\$69,757	12,512	1.1626	
Fulton	Dover township	\$70,000	1,578	1.1667	
Fulton	Royalton township (Remainder of)	\$70,385	953	1.1731	
Wood	Luckey village	\$70,417	1,012	1.1736	
Wood	Henry township (Remainder of)	\$70,500	743	1.1750	
Defiance	Defiance township (Remainder of)	\$70,804	1,792	1.1801	
Defiance	Hicksville township (Remainder of)	\$70,804	1,398	1.1801	
Ottawa	Put-in-Bay township (Remainder of)	\$71,053	495	1.1842	
Fulton	Franklin township	\$71,607	743	1.1935	
Erie	—				
Erie	Huron township (Remainder of)	\$71,852	3,548	1.1975	
Wood	West Millgrove village	\$72,083	174	1.2014	
Sandusky	Townsend township	\$72,179	1,620	1.2030	
Henry	Ridgeville township	\$72,868	1,091	1.2145	
Ottawa	Harris township (Remainder of)	\$73,200	1,608	1.2200	
Wood	Pemberville village	\$73,438	1,371	1.2240	
Wood	Lake township (Remainder of)	\$73,500	6,753	1.2250	
Paulding	Blue Creek township (Remainder of)	\$73,942	447	1.2324	
Wood	Webster township	\$74,737	1,284	1.2456	
Williams	Holiday City village	\$75,417	52	1.2570	
Paulding	Harrison township (Remainder of)	\$75,547	640	1.2591	
Paulding	Paulding township (Remainder of)	\$76,327	1,046	1.2721	
Erie	Oxford township	\$76,352	1,201	1.2725	
Defiance	Washington Twp. (Remainder of)	\$76,361	1,263	1.2727	
Paulding	Washington township	\$76,406	719	1.2734	
Paulding	Latty township (Remainder of)	\$76,758	615	1.2793	
Wood	Perry township (Remainder of)	\$76,894	1,431	1.2816	
Sandusky	Jackson township (Remainder of)	\$77,254	1,303	1.2876	
Defiance	Noble township (Remainder of)	\$79,345	2,419	1.3224	
Ottawa	Clay township (Remainder of)	\$79,876	2,722	1.3313	
Wood	Freedom township (Remainder of)	\$79,886	1,356	1.3314	
Sandusky	Burgoon village	\$80,625	172	1.3438	
Fulton	German township (Remainder of)	\$80,839	2,097	1.3473	
Ottawa	Catawba Island township	\$80,982	3,599	1.3497	
Ottawa	Marblehead village	\$81,563	903	1.3594	
Ottawa	Put-in-Bay village	\$81,563	138	1.3594	
Erie	Berlin township (Remainder of)	\$82,563	3,009	1.3761	
Defiance	Milford township	\$82,757	1,081	1.3793	
Erie	Milan township (Remainder of)	\$82,968	2,602	1.3828	
Henry	Marion township (Remainder of)	\$84,167	721	1.4028	
Williams	Florence township (Remainder of)	\$84,467	1,096	1.4078	
Sandusky	Madison township (Remainder of)	\$84,544	1,273	1.4091	
Ottawa	Allen township (Remainder of)	\$84,762	3,504	1.4127	
Henry	Washington township (Remainder of)	\$85,249	1,794	1.4208	



SW Ohio Office
6146 Lakota Dr
Cincinnati, OH 45243
(513) 607-8397

NW Ohio Office
3909 Woodmont Rd
Toledo, OH 43613
(419) 265-2400

FARMLAND PRESERVATION REVIEW
FOR THE OHIO PUBLIC WORKS COMMISSION

Project Name: Pemberville Elevated Water Storage Tank Improvements

Date: August 4, 2022

This review is to comply with Farmland Preservation Review Advisory of the Ohio Public Works Commission and the Governor's Executive Order 98-IIV. This review was accomplished by TD Engineering, LLC, the consulting engineer on the project that conducted the review on behalf of the Village of Pemberville.

1. The immediate impact the project will have on productive agricultural and grazing land related to land acquisition.

None

2. Indirect impact that will result in the loss of productive agricultural and grazing land from development related to the project.

None

3. Mitigation measures that could be implemented when alternative sites or locations are not feasible.

N/A

A handwritten signature in blue ink, appearing to read 'Steven J. Darmofal', is written over a light blue grid background.

Steven J. Darmofal, P.E.
Principal Engineer



Mike DeWine, Governor
Jon Husted, Lt. Governor
Laurie A. Stevenson, Director

March 30, 2021

Transmitted Electronically

Mr. Nathan Schultze, Water Superintendent
Pemberville Village Water
P.O. Box 109
Pemberville, Ohio 43450

Re: Pemberville Village Water
Inspection
Letter of Compliance
Drinking Water
Wood County
PWS ID: OH8701712

Subject: Sanitary Survey – Facility: Stu #1 8759913 & Stu #2 8769637 (Community Public Water System)

Dear Mr. Schultze:

On March 23, 2021, I conducted a sanitary survey of the Pemberville Village Water public water system. You were interviewed, and the water system was inspected in your presence. The purpose of this evaluation was to determine the ability of the facility to provide adequate, safe, and potable water that meets the requirements of the Ohio Administrative Code (OAC). The eight major elements that are generally reviewed during a sanitary survey include: source, treatment, distribution system, finished water storage, pumps / pump facilities and controls, monitoring / reporting / data verification, water system management/operation and operator compliance with State requirements. General supervision of the operation and maintenance of public water systems is a function of this Agency as set forth in Chapter 6109 of the Ohio Revised Code (ORC).

ADDITIONAL INFORMATION / UPCOMING REQUIREMENTS / COMMENTS

The complete list of survey questions can be viewed online at:
<http://edocpub.epa.ohio.gov/publicportal/edochome.aspx>.

All public water systems (PWSs) are required to collect and report metrics data as part of their asset management program. This data must be reported online using the Drinking Water Online Portal (a.k.a. "DROP") every year between August 1st and November 15th. The submission must include metrics data from the previous year. Please reference the DROP Worksheet for more information at:

https://epa.ohio.gov/Portals/28/documents/pws/DROP%20Worksheet_Comm_Fillable.docx or contact Ohio EPA's Central Office at DDAGW.AssetManagement@epa.ohio.gov or (614) 644-2752. Additionally, the Ohio Rural Community Assistance Program (RCAP) can aid with developing an asset management program (1-800-775-9767).

RECOMMENDATIONS

The recommendations set out below are NOT Orders. The recommendations are offered by Ohio EPA in an effort to provide compliance assistance to your facility.

- 1) Consider implementing the Village's plan to replace the Village's water tower as it is beyond its useful life at 86 years old. The current tower is not equipped with industry recommendations for cathodic protection and aeration. Please note that detail plans are required to be submitted and approved prior to construction. Additionally, the location of the current tower makes it impractical to maintain as residential and commercial properties are within 100 feet of the tower limiting site access.
- 2) Seventy percent, or more, of the Village's waterlines in the distribution system are more than 86 years old. Consider developing and implementing a plan to replace aging waterlines. A computer aided hydraulic model of the distribution system is recommended.

Please note that any modifications to your well, treatment system, or distribution system may require prior plan approval. Please contact me if you plan on making any changes.

Additional information concerning existing and upcoming drinking water regulations and requirements can be obtained from our website at www.epa.ohio.gov/ddagw.

If you have any questions regarding this letter, or any other matter involving your water system, please feel free to contact me by email bridget.stefan@epa.ohio.gov or by phone at (419) 419-3691.

Sincerely,

Bridget Stefan

Bridget Stefan
Environmental Specialist
Division of Drinking and Ground Waters

/bnb

cc: Nathan Schultze, Water Superintendent
Carol Bailey, Mayor
Wood County Health Department
Michael Deal, Manager, DDAGW-NWDO
Laura Sullivan, Supervisor, DDAGW-NWDO
Lara Schramm, AP2, DDAGW-NWDO

Residential Water Usage	Residential Water Cost	Cost per 1000 Gallons	Commercial Water Usage	Commercial Water Cost	Cost per 1000 Gallons	Sewer Cost	Cost per 1000 Gallons
Min. - 1000	\$ 26.87	\$ 8.78	Min. - 1000	\$ 26.87	\$ 10.46	\$ 20.25	\$ 5.70
2000	\$ 35.65		2000	\$ 37.33		\$ 25.95	
3000	\$ 44.43		3000	\$ 47.79		\$ 31.65	
4000	\$ 53.21		4000	\$ 58.25		\$ 37.35	
5000	\$ 61.99		5000	\$ 68.71		\$ 43.05	
6000	\$ 70.77		6000	\$ 79.17		\$ 48.75	
7000	\$ 79.55		7000	\$ 89.63		\$ 54.45	
8000	\$ 88.33		8000	\$ 100.09		\$ 60.15	
9000	\$ 97.11		9000	\$ 110.55		\$ 65.85	
10000	\$ 105.89		10000	\$ 121.01		\$ 71.55	
11000	\$ 114.67		11000	\$ 131.47		\$ 77.25	
12000	\$ 123.45		12000	\$ 141.93		\$ 82.95	
13000	\$ 132.23		13000	\$ 152.39		\$ 88.65	
14000	\$ 141.01		14000	\$ 162.85		\$ 94.35	
15000	\$ 149.79		15000	\$ 173.31		\$ 100.05	
16000	\$ 158.57		16000	\$ 183.77		\$ 105.75	
17000	\$ 167.35		17000	\$ 194.23		\$ 111.45	
18000	\$ 176.13		18000	\$ 204.69		\$ 117.15	
19000	\$ 184.91		19000	\$ 215.15		\$ 122.85	
20000	\$ 193.69		20000	\$ 225.61		\$ 128.55	
21000	\$ 201.82	\$ 8.13	21000	\$ 234.39	\$ 8.78	\$ 134.25	
22000	\$ 209.95		22000	\$ 243.17		\$ 139.95	
23000	\$ 218.08		23000	\$ 251.95		\$ 145.65	
24000	\$ 226.21		24000	\$ 260.73		\$ 151.35	
25000	\$ 234.34		25000	\$ 269.51		\$ 157.05	
26000	\$ 242.47		26000	\$ 278.29		\$ 162.75	
27000	\$ 250.60		27000	\$ 287.07		\$ 168.45	
28000	\$ 258.73		28000	\$ 295.85		\$ 174.15	
29000	\$ 266.86		29000	\$ 304.63		\$ 179.85	
30000	\$ 274.99		30000	\$ 313.41		\$ 185.55	
31000	\$ 283.12		31000	\$ 322.19		\$ 191.25	
32000	\$ 291.25		32000	\$ 330.97		\$ 196.95	
33000	\$ 299.38		33000	\$ 339.75		\$ 202.65	
34000	\$ 307.51		34000	\$ 348.53		\$ 208.35	
35000	\$ 315.64		35000	\$ 357.31		\$ 214.05	
36000	\$ 323.77		36000	\$ 366.09		\$ 219.75	
37000	\$ 331.90		37000	\$ 374.87		\$ 225.45	
38000	\$ 340.03		38000	\$ 383.65		\$ 231.15	
39000	\$ 348.16		39000	\$ 392.43		\$ 236.85	
40000	\$ 356.29		40000	\$ 401.21		\$ 242.55	
41000	\$ 364.42		41000	\$ 409.99		\$ 248.25	
42000	\$ 372.55		42000	\$ 418.77		\$ 253.95	
43000	\$ 380.68		43000	\$ 427.55		\$ 259.65	

44000	\$	388.81		44000	\$	436.33		\$	265.35	
45000	\$	396.94		45000	\$	445.11		\$	271.05	
46000	\$	405.07		46000	\$	453.89		\$	276.75	
47000	\$	413.20		47000	\$	462.67		\$	282.45	
48000	\$	421.33		48000	\$	471.45		\$	288.15	
49000	\$	429.46		49000	\$	480.23		\$	293.85	
50000	\$	437.59		50000	\$	489.01		\$	299.55	

RECORD OF RESOLUTIONS

Dayton Legal Blank, Inc., Form No. 30045

Resolution No.

2022-1

Passed

1-31-2022

pg 1 of 2

**A RESOLUTION OF THE BOARD OF PUBLIC AFFAIRS FIXING WATER
RATES AND CHARGES TO PAY FOR THE OPERATION, MAINTENANCE
AND DEBT ASSOCIATED WITH THE VILLAGE OF PEMBERVILLE OHIO
AND DECLARING AN EMERGENCY**

WHEREAS, the Village of Pemberville, Ohio currently owns and operates a water distribution and treatment system; and

WHEREAS, it is the intent of the Village of Pemberville to establish proportionate user charges that places the cost of treatment directly on the direct users of the system, improve monthly cash flow and maintain financial self-sufficiency; and

WHEREAS, the Village must pay the debt, operation, maintenance and replacement costs associated with the water distribution and treatment system; and

WHEREAS, the present water rates set in Resolution No. 2015-1 are now inadequate to produce sufficient revenue to pay the reasonable and proper expenses of operation and maintenance of the utility including necessary replacements and depreciation; and

NOW, THEREFORE, BE IT RESOLVED by the Council of the Village of Pemberville, County of Wood and State of Ohio:

SECTION 1: That the water rates in the Village of Pemberville shall be as follows beginning February 1, 2022:

RESIDENTIAL RATES

Gallons Used	Water Rate
0-1,000 gallons	\$26.87
1,001-20,000	Additional \$8.78 per 1,000 gallons
20,001 and up	Additional \$8.13 per 1,000 gallons

COMMERCIAL AND INDUSTRIAL RATES

0-1,000 gallons	\$26.87
1,001-20,000	Additional \$10.46 per 1,000 gallons
20,001 and up	Additional \$8.78 per 1,000 gallons

The minimum monthly charge of \$26.87 will be charged each water meter.

SECTION 2: The rates to be charged to water users who do not reside within the Village of Pemberville shall be 150% of the above rates.

RECORD OF RESOLUTIONS

Dayton Legal Blank, Inc., Form No. 30045

Resolution No. 2022-1

Passed 1-31-2022

pg 2 of 2

SECTION 3: Upon request of the water user, the water service may be shut off. There will, however, be a charge of seventy-five dollars (\$75.00) to have the water service turned on again. This charge will be applicable each time the user requests this service. This charge shall not apply in the case of a change in ownership.

SECTION 4: To ensure future operations and prevent lapsing behind in revenues, the Village shall institute an automatic annual rate increase and shall be effective beginning January 1, 2023, and each January 1, thereafter. This automatic rate increase shall be a fixed percentage of 3% unless the Village of Pemberville approves a motion to adjust this figure not less than 90 days prior to the date of the automatic increase. All water system capacity charges and volume charges, as they existed the day prior to the automatic annual increase date, shall be increased by the fixed percentage to generate new rates and fees. The new usage rates including the minimum, bulk, and tap fees shall apply to all bills rendered on or after the automatic annual increase date and throughout the ensuing twelve-month period. This provision does not preclude any other future rate adjustments as deemed necessary by the Council of the Village of Pemberville.

SECTION 5: All other resolutions inconsistent herewith are hereby repealed.

SECTION 6: This resolution is hereby declared to be an emergency measure necessary to preserve the peace, health and safety of the Village of Pemberville and its inhabitants.

Passed: 1-31-2022

VILLAGE OF PEMBERVILLE
BOARD OF PUBLIC AFFAIRS

By: [Signature]
President

By: [Signature]

By: [Signature]

First Reading	<u>12</u>	<u>20</u>	<u>21</u>
Second Reading	<u>1</u>	<u>18</u>	<u>22</u>
Third Reading	<u>1</u>	<u>31</u>	<u>22</u>

COPY

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graphics

Form No. 6233-A

Resolution No. 2016-1Passed December 192016
19

AMENDED RESOLUTION 2016-1 OF THE BOARD OF PUBLIC AFFAIRS
INCREASING WATER TAP CHARGES IN THE VILLAGE OF
PEMBERVILLE, OHIO

WHEREAS, the present water tap charges set in Resolution No. 2010-1 are now inadequate to cover the current expenses associated with new service connections;

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF PUBLIC AFFAIRS OF THE VILLAGE OF PEMBERVILLE, WOOD COUNTY, OHIO:

SECTION 1: The water tap charge for new $\frac{3}{4}$ ", 1" or larger service connections to the Village water mains shall include the price of all materials, the expense of half of what it costs to bore under the road and a \$150.00 flat fee for labor. The water tap charges are payable in advance of the water tap.

SECTION 2: All other resolutions inconsistent herewith are hereby repealed.

Passed: December 19, 2016

VILLAGE OF PEMBERVILLE
BOARD OF PUBLIC AFFAIRS

By Charles A. Schulte Charles Schulte, President

By D. Krukemyer Dean Krukemyer

By _____ Tom Oberhouse

RECORD OF ORDINANCES

Dayton Legal Blank, Inc.

Form No. 30043

Ordinance No. 1524

Passed September 2 2014

**ORDINANCE AMENDING ~~ORDINANCE~~ 1455 WITH RESPECT TO
MONTHLY CHARGE FOR DEBT REPAYMENT FOR PERMANENT
SEWER PROJECTS**

BE IT ORDAINED BY THE COUNCIL OF THE VILLAGE OF
PEMBERVILLE, COUNTY OF WOOD, STATE OF OHIO:

SECTION 1: That effective with September, 2014 usage/ October, 2014
billing, there shall be a monthly charge for each individual unit receiving water,
whether for living or otherwise, and whether separately metered or not, of \$10.00 to
be used for debt repayment for permanent sewer projects conducted by the Village.

SECTION 2: This Ordinance shall take effect at the earliest time permitted
by law.

Passed: September 2, 2014

Jordan Bauman
Mayor

Attest:
Sarah C. Dyer
Village Clerk

Ordinance No. 1613

Passed February 1, 2022

AN ORDINANCE OF THE COUNCIL OF THE VILLAGE OF PEMBERVILLE
AMENDING ORDINANCE NUMBER 1525 WITH RESPECT TO MONTHLY
CHARGES FOR MAINTENANCE, OPERATION, IMPROVEMENTS AND
REPAIRS TO THE MUNICIPAL SEWER SYSTEM.

WHEREAS, the Village of Pemberville, Ohio currently owns and operates a wastewater collection and treatment system; and

WHEREAS, it is the intent of the Village of Pemberville to establish proportionate user charges that place the cost of treatment directly on the direct users of the system, improve monthly cash flow and maintain financial self-sufficiency; and

WHEREAS, the Village must pay the debt, operation, maintenance and replacement costs associated with the wastewater collection and treatment system; and

WHEREAS, the present sewer rates set in Ordinance No. 1525 are now inadequate to produce sufficient revenue to pay the reasonable and proper expenses of operation and maintenance of the utility including necessary replacements and depreciation; and

NOW, THEREFORE, BE IT ORDAINED by the Council of the Village of Pemberville, County of Wood and State of Ohio:

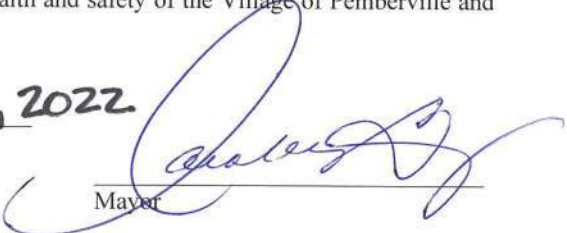
SECTION 1: That Ordinance No. 1525 is hereby amended, effective February 1, 2022, so as to raise the monthly sewer charge from \$17.25 to \$20.25 per metered customer of the Village for the first 1,000 gallons of water used. Each additional 1,000 gallons of water used monthly shall be charged at \$5.70 for each water meter customer in the Village.

SECTION 2: To ensure future operations and prevent lagging behind in revenues, the Village hereby institutes an automatic annual rate increase beginning January 1, 2023 and each January 1, thereafter. This automatic rate increase shall be a fixed amount of \$1.00 on the base rate unless the Village of Pemberville approves a motion to adjust this figure not less than 90 days prior to the date of the automatic increase. This provision does not preclude any other future rate adjustments as deemed necessary by the Council of the Village of Pemberville.

SECTION 3: All other ordinances inconsistent herewith are hereby repealed.

SECTION 4: This ordinance is hereby declared to be an emergency measure necessary to preserve the peace, health and safety of the Village of Pemberville and its inhabitants.

Passed: February 1, 2022


Mayor

Attest:


Fiscal Officer

First Reading 1 4 2022
Second Reading 1 18 2022
Third Reading 2 1 2022

Small Government Commission Application Checklist

This checklist will help ensure that your application is scored at its best competitive advantage. It will also assist with the timely release of the Project Agreement should your project be funded. This form is for your use only. See various templates and forms in this manual, on the Small Government webpage, and on the Application webpage.

- [X] Compliant certified authorizing legislation by applicant's governing body (OPWC Application webpage)
- [N/A] Cooperative agreement if multi-jurisdictional (OPWC Application webpage). Road/bridge/culvert projects must include an engineer's statement certifying the percentages of each participating jurisdiction's share of the total project.
- [X] Compliant Chief Financial Officer's Certification and Loan Letter (OPWC Application webpage)
- [x] Funding commitment letters and or documentation for all non-OPWC matching funds
- [X] Signed/stamped registered professional engineer's detailed cost estimate including in-kind costs (OPWC Application webpage). If project is a mix of new/expansion and repair/replacement items, engineer must include a percentage break-down by category.
- [X] Signed/stamped professional engineer's weighted useful life statement if not submitted with original application (cannot be modified)
- [X] Small Government Engineer's Plan Status Certification form (in this manual and on SG webpage)
- [X] Clear description of problem and scope of work with appropriate documentation
- [X] Source documentation for proof of age with year clearly visible or compliant letter from eligible public official {letter template in this manual}
- [X] Project site photos, if appropriate
- [X] Map showing project location/site
- [X] Farmland Preservation Review Letter if any impact to farmland (OPWC Application webpage)
- [X] ADT report for Road, Bridge & Culvert Projects
OR
Number of households/EDUs (with calculation) for Water, Wastewater, Storm Water Collection, Solid Waste Projects who directly benefit. If waterline or sewer project with additional benefitted users beyond scope of construction, then also Engineer's study documenting these additional users.

Roads, Bridges/Culverts, Storm Water, Solid Waste Projects Only:

- [] Auditor's Certificate of Estimated Resources with line item detail unless applicant in State of Fiscal Emergency; also if Storm Water or Solid Waste project, the fund(s) typically used must be identified {examples in back of this manual}.
- [] Low volume road projects that include documentation using ODOT's TIMS System showing a positive Rate of Return is required to maximize points under population.

(Continued on next page)

Water and Wastewater Projects Only:

- [X] "Current" water and wastewater rate ordinances/resolutions for all entities providing services unless applicant in State of Fiscal Emergency
- [X] Small Government Water & Wastewater Ability & Effort Supplemental form (in this manual and on SG webpage)

Small Government Self-Score

(Input Score in box for each criterion; will total automatically)

Applicant: Village of Pemberville - Pemberville 150,000 Gallon Elevated Water Storage Tank

SCORE

1 Ability & Effort (Use A or B according to project type)

A. Roads, Bridges/Culverts, Storm Water, Solid Waste Projects ONLY

0 2 4 6 8 10

0

B. Water & Wastewater Projects ONLY

Calculated by Administrator

N/A

2 Health & Safety (Use A or B according to project type)

A. Road, Bridge, Culvert

0 2 4 6 8 10

0

B. Water, Wastewater, Storm Water, Solid Waste

0 2 4 6 8 10

8

3 Age & Condition

I. Age

0 1 2 3 4 5

5

II. Condition

1 2 3 4 5

4

4 Leveraging Ratio

0 1 2 3 4 5 6 7 8 9 10

10

5 Population Benefit

0 1 2 3 4 5

5

6 District Priority Ranking

0 6 7 8 9 10

7 OPWC Funds Requested

0 5 10

5

8 Loan Request

0 1 5 10

10

9 Useful Life

1 2 3 4 5

5

10 Median Household Income

2 4 6 8 10

2

11 Readiness to Proceed

I. Status of Plans

0 2 5

2

II. Status of Funding

0 3 5

5

TOTAL

61



Ohio Public Works Commission

Small Government Capital Improvements Program

FY 24 / Round 37 Methodology - Rating Scales
(July 1, 2023, Agreement Release)

Approved May 12, 2022

[Pemberville 150,000 Gallon Elevated Water Storage Tank Improvements](#)

Complete and compliant support documentation must be provided for a criterion to be awarded points. See Applicant Manual for more information.

1. Ability and Effort of the Applicant to Finance the Project (Maximum 10 points)

A. Roads, Bridges/Culverts, Storm Water, Solid Waste Projects Only – “Auditor’s Certificate of Estimated Resources” showing fund detail, as provided in ORC sections 5705.35 and 5705.36 is used to determine potential financial resources available for the project. Score is based on the project’s total cost as a percentage of financial resources.

- 0 Total project cost represents 0 to 20% of subdivision's total combined funds legally eligible for infrastructure type
- 2 Total project cost represents 21 to 40% of subdivision's total combined funds legally eligible for infrastructure type
- 4 Total project cost represents 41 to 60% of subdivision's total combined funds legally eligible for infrastructure type
- 6 Total project cost represents 61 to 80% of subdivision's total combined funds legally eligible for infrastructure type
- 8 Total project cost represents 81 to 100% of subdivision's total combined funds legally eligible for infrastructure type
- 10 Total project cost exceeds 100% of subdivision's total combined funds legally eligible for infrastructure type, or subdivision is in fiscal emergency

B. Water and Wastewater Projects Only – Determined by SG Administrator according to the Water & Wastewater Ability & Effort calculation described in Applicants Manual. Information is obtained from both water and wastewater rate ordinances, Small Government Water & Wastewater Ability & Effort Supplemental, and data from the *U.S. Census Bureau*. Points are provided for the hours worked to pay for water and wastewater services according to the highest of two variances as a percentage above or below State Averages: weighted average of household income or percentage of households making less than \$25,000.

- 0 More than 50% above state average
- 2 25.1% - 50% above state average
- 4 0 - 25% above state average
- 6 0.1% - 25% below state average
- 8 25.1% to 50% below state average
- 10 More than 50% below state average

To be
determined by
SG Administrator

2. Importance of Project to Health and Safety of Citizens – Score is assigned according to the application project description and any pertinent supplemental documentation. (Maximum 10 points)

A. Road, Bridge, Culvert

- 0 New infrastructure to meet future or projected needs
- 2 New infrastructure to meet current needs; Roadway surface paving less than 2 inches; Bridges with General Appraisal of 6 or above or with a Sufficiency Rating of 81-100

- 4 Roadway surface paving equal to or greater than 2 inches with/without milling; Replace or install signal where warranted; Bridges with a General Appraisal of 5 or Sufficiency Rating of 66-80; Culvert replacement with no associated damage
- 6 Road widening to add paved shoulders or for safe passage, and/or roadway paving with full-depth base repair equal to or greater than 5% of roadway surface area; Intersection improvement to add turn lanes or realignment; Bridges with a General Appraisal of 4 or Sufficiency Rating of 51-65; Culverts with inadequate flow capacity
- 8 Complete roadway full-depth reconstruction (includes removal/replacement of base) or reclamation with/without drainage; Widening to add travel lanes; Intersection improvements to address excessive accident rate and/or inadequate level of service with Crash Reduction Factor ($0.0 < CRF < 0.2$); Bridges with a General Appraisal of 3 or Sufficiency Rating of 26-50; Culverts with inadequate flow capacity and property damage (i.e. flooding)
- 10 Complete roadway reconstruction or reclamation with/without drainage with widening to add travel lanes; Intersection improvement to address excessive accident rate and/or inadequate level of service with Crash Reduction Factor ($CRF \geq 0.2$); Bridges with General Appraisal of 2 or less, or Sufficiency Rating of less than 26; Culverts that are structurally deficient

B. Water, Wastewater, Storm Water, Solid Waste

- 0 Infrastructure to meet future or projected needs
- 2 Expanded infrastructure to meet specific development proposal
- 4 Infrastructure to meet current needs; Update processes to improve effluent or water quality; To remain in compliance with permit due to increased standards; Increase storm sewer capacity in which there is no associated land damage; Increase sanitary sewer capacity; Replace water meters as part of an upgrade
- 6 OEPA recommendations; District health board recommendations; Increase storm sewer capacity that has associated land damage; Replace undersized waterlines as part of upgrade; Install new meters or replace meters that have exceeded useful life
- 8 Replacement of storm or sanitary sewers due to chronic flooding, back-up, or property damage; Inflow and/or Infiltration; Inadequate capacity to maintain pressure required for fire flows; Replacement of waterlines or towers due to excessive corrosion
- 10 OEPA Findings & Orders, OEPA orders contained in permit, Consent Decree or Court Order; Structural separations (CSOs) Age and Condition of System to be repaired or replaced. This is a two-part criterion. (Maximum 10 points)

8 Points

3. Age & Condition of System to be repaired or replaced

Part I – Age: This uses provided documentation for existing infrastructure. Documentation pertains to source documentation or from a compliant letter written by an eligible local official who can vouch for the time period during his/her term in office. If no documentation the default score is 1 point. (Maximum 5 points)

Life	20	30	50
Project Type	Road	Wastewater	Bridge/Culvert. Sanitary Sewer, Water, Storm Water, Solid Waste
Points			
0	New / Expansion	New / Expansion	New / Expansion
1	2017-2022	2014-2022	2007-2022
2	2012-2016	2007-2013	1996-2006
3	2007-2011	1999-2006	1984-1995
4	2002-2006	1992-1998	1972-1983
5	2001 or before	1991 or before	1971 or before

5 Points

Existing water tower was constructed in 1935

Part II – Condition (Maximum 5 points)

- 1 New/Expansion: New or expansion project components represent at least 50% of improvements
- 2 Expansion: New or expansion project components represent between 25% and 49% of improvements
- 3 Poor: Infrastructure requires repair to continue functioning as originally intended and/or upgrade to meet current design standards.
- 4 Critical: Infrastructure requires replacement to continue functioning as originally intended.
- 5 Failed: Not functioning

4 Points

4. Leveraging Ratio – Local and all non-OPWC funding sources as a percentage of total funding. (Maximum 10 points)

10 Points

	Repair/Replacement (Poor/Critical/Failed in Criterion 3)	New/Expansion (New/Expansion &/or Expansion in Criterion 3)	
0	10.9% or less	50.9% or less	OPWC \$499,999 of \$1,900,000.
1	11.0 – 15.9 %	51.0 – 55.9 %	Local/Non OPWC Share \$1,400,001 of \$1,900,000
2	16.0 – 20.9 %	56.0 – 60.9 %	
3	21.0 – 25.9 %	61.0 – 65.9 %	
4	26.0 – 30.9 %	66.0 – 70.9 %	
5	31.0 – 35.9 %	71.0 – 75.9 %	Non-OPWC = 73.7%
6	36.0 – 40.9 %	76.0 – 80.9 %	
7	41.0 – 45.9 %	81.0 – 85.9 %	
8	46.0 – 50.9 %	86.0 – 90.9 %	
9	51.0 – 55.9 %	91.0 – 95.9 %	
10	56.0% or more	96.0% or more	

5. **Population Benefit** – Number of those to benefit directly from the improvement as a percentage of applicant's total population. (Maximum 5 points)

5 Points

0	10% or less
1	11% - 25%
2	26% - 35%
3	36% - 45%
4	46% - 55%
5	56% or more

The project benefits all users in the Pemberville water system.

6. **District Priority Ranking as provided by District** (Maximum 10 points)

To be determined

0	6 th or 7 th ranked district project
6	5 th ranked district project
7	4 th ranked district project
8	3 rd ranked district project
9	2 nd ranked district project
10	1 st ranked district project

7. **Amount of OPWC funding requested** (Maximum 10 points)

5 Points

0	\$500,000 or more	
5	\$250,000 - \$499,999	\$499,999
10	249,999 or less	

8. **Loan Request as a percentage of OPWC assistance** (Maximum 10 points)

10 Points

0	0 – 14.9% of OPWC assistance	\$250,000 Loan Request (50% of OPWC)
1	15.0 – 29.9% of OPWC assistance	\$249,999 Grant Requested
5	30.0 – 49.9% of OPWC assistance	
10	50.0 – 100% of OPWC assistance	

9. **Useful Life of Project** – Taken from engineer's useful life statement. (Maximum 5 points)

5 Points

1	7 – 9 years
2	10 – 14 years
3	15 – 19 years
4	20 – 24 years
5	25 years or more

10. **Median Household Income** – Applicant's MHI as a percentage of the statewide MHI. Information derived from the most recent 5-year American Community Survey as published by the Ohio Development Services Agency. (Maximum 10 points)

2 Points

2	110% or more
4	100% - 109%
6	90% - 99%
8	80% – 89%
10	79% or less

Pemberville 2020 MHI = \$79,659

Ohio 2020 MHI = \$58,116

Percent = \$79,659 / 58,116 = 137%

11. Readiness to Proceed (Maximum 10 points)

2 Points

Part I – Status of Plans – This uses the Small Government Commission’s Engineer’s Plan Status Certification. (Maximum 5 points)

- 0 Plans not yet begun
- ☒ 2 Surveying through Preliminary Design Completed (Items A-C)
- 5 Surveying through final construction plans, and secured permits and right-of-way as appropriate (Items A-H)

5 Points

Part II – Status of Funding Sources – This uses source documentation including CFO certifications and loan letters. (Maximum 5 points)

- 0 All funds not yet committed
- 3 Applications submitted to funding entities
- ☒ 5 All funding committed

**Small Government Commission
Engineer's Plan Status Certification
Required for Criterion No. 11, Part I**

Applicant: Village of Pemberville

District No.: 5

Project Name: Pemberville 150,000 Gallon Elevated Water Storage Tank Improvements

Item	Necessary for project?	Status	Completion Date
Met Completion dates for Items A - C (2 points)			
A Surveying	Y ☒ N/A ☐	Completed	7/21/2022
B R/W Acquisition Identified	Y ☒ N/A ☐	Completed	7/22/2022
C Preliminary Design	Y ☒ N/A ☐	Completed	9/1/2022
Met Completion dates for Items A - H (5 points)			
D Final Construction Plans	Y ☒ N/A ☐	To be completed	
E Permit to Install Issued	Y ☒ N/A ☐	To be completed	
F NPDES Issued	Y ☐ N/A ☒		
G Other Permits Issued	Y ☒ N/A ☐	To be completed	
H Executed Right of Way Option or Agreement	Y ☒ N/A ☐	Land acquisition to be completed	

I hereby certify that the information above is true and correct to the best of my knowledge and belief.

Steven J. Darmofal, P.E.

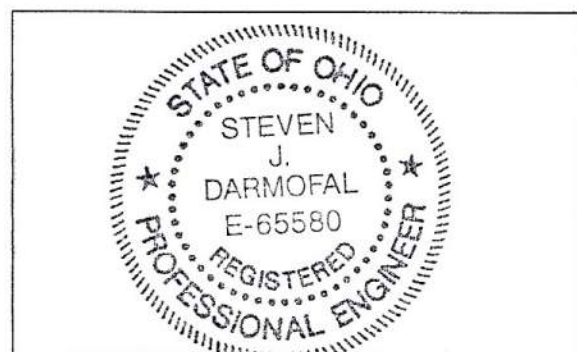
Engineer's Printed Name

Steven J. Darmofal

Engineer's Signature

9/6/22

Date



Engineer's Stamp/Seal

(This form must be completed and submitted for all Water and Wastewater applications)

568 households

4,500
gal/month

WATER

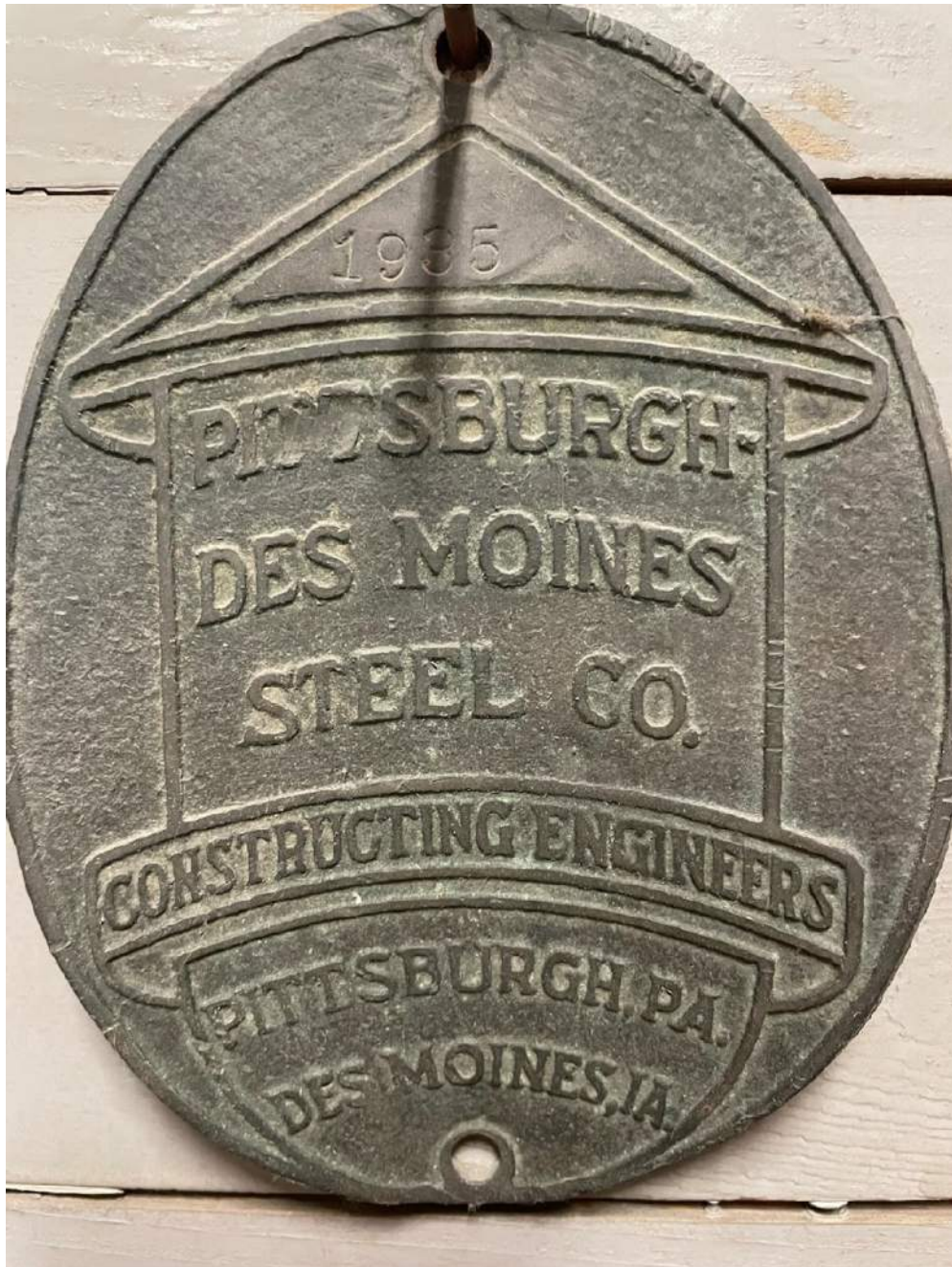
Billing Period:	Monthly	X	Quarterly	_____	Other	_____
Unit of Measurement:	Gallons	X	Cubic Feet	_____	Flat Rate	_____
Base Charge	\$	26.87 Base Min.			0 to 1,000 gallons	
Second Increment	\$	8.78 per 1,000 gal			\$ per unit from 1,001 to 20,000 gal	
Additional Increments	\$	8.13 per 1,000 gal			\$ per unit from 20,001 gal and up	
Additional Increments	\$	_____				
Surcharges	\$	_____				
TOTAL	\$	57.60				

WASTEWATER

Billing Period:	Monthly	<u>X</u>	Quarterly	<u> </u>	Other	<u> </u>
Unit of Measurement:	Gallons	<u>X</u>	Cubic Feet	<u> </u>	Flat Rate	<u> </u>
Base Charge	\$	<u>20.25 Base</u>	0 to 1,000 gallons			
Second Increment	\$	<u>5.70 per 1000 gal</u>	\$ per unit from 1,001 gal and up			
Additional Increments	\$	<u> </u>				
Additional Increments	\$	<u> </u>				
Surcharges	\$	<u> </u>				
TOTAL	\$	<u>40.20</u>				

SMALL GOVERNMENT COMMMISSION USE ONLY

Water	
Wastewater	
Determination	



YEAR OF CONSTRUCTION - 1935

**NAMEPLATE FROM THE EXISTING
PEMBERVILLE WATER TOWER SHOWING
AGE AND CONSTRUCTOR NAME**



Original Blueprint from July 1935 showing the Pemberville Water System and location of existing water tower (See Zoomed Area on "Proof of Age - 3")

Proof of Age - 2

Pemberville Elevated Water Storage Tank



Zoomed in Area of Original Blueprint from July 1935 showing the Pemberville Water System and location of existing water tower



Pemberville, Ohio

100 years

Proof of Age - taken from "Pemberville, Ohio 100 Years" published in 1976

Pemberville, Ohio

100 Years

This year nineteen hundred and seventy-six, our town's centennial year and our country's bicentennial year, we look back to the beginning and forward to the years ahead.

Through this look into the past, comes the realization of the courage, vision, labors, joys and sorrows, that have brought us to where we are today, 1976.

This new understanding of our beginning has given us a new appreciation of what is here today. The beauty of the wide open grain fields, the productive farm land surrounding our town, the pride exhibited in the maintenance of the homes of Pemberville and the peaceful town and people, we see now with new interest--in our reflection of the past.

To these things, all that is and has been Pemberville, we are happy to dedicate this book with faith in the future.

The information in this booklet has been gathered from various sources such as previous histories, word of mouth, town council minutes and ordinances, newspapers and from members of organizations.

Some of the work given to the booklet committee has been rewritten, only because of space or because of repetition of some materials.

We have attempted to make this booklet informative and interesting by including as much information as possible. We

apologize if we have forgotten any important part of our town history.

We owe much gratitude to the many people who have donated pictures and articles to this booklet. These people are too numerous to mention but each and every one has the heartfelt thanks of the centennial committee. We are especially grateful for the assistance of Mrs. Emma Menter, Miss Elizabeth Bowlus, Mrs. Christine Hampshire, and Mr. Emil Dansker and The Leader.

The Centennial Booklet Committee

Telephone Company

140 East Front Street now houses the equipment necessary to operate the 287 telephone exchange that services the Pemberville area. This building was purchased from the Citizens Savings Bank in 1957 by Northern Ohio Telephone Co. and sold to General Telephone Co. in 1968.

In 1895 the U. S. Telephone Co. began putting in a telephone line that connected Pemberville with Fostoria, Risingsun, Bradner, and Freeport. This line would later be extended to Toledo. Pemberville and Luckey were connected by telephone in 1898. The first telephone in Pemberville was owned by Dr. Simon.

R. G. Dunfree, assisted by John Gerding and Harry Hobart, put in the first exchange, thus making Pemberville the first town in Wood County, with the exception of Bowling Green, to have a telephone exchange. A new switchboard from American Electric Telephone Co. of Chicago was purchased in 1899. This was one of the finest and best improved switchboards on the market.

The U. S. Telephone Exchange was moved from over Hobart's double store to the front room over Schinke's Shoe Store (Reno's Pizza) in 1900. Bell Telephone Co. purchased the local exchange the same year. All night services were inaugurated and new and modern instruments replaced some of the old phones.

Charles Fehr in 1910 owned the plant that operated the first Bell Telephone System in Pemberville. The exchange was located in his drug store and had 15 subscribers. Mr. Fehr would connect you to your party in between sales of licorice sticks and mustard plasters.

The 1930's brought much growth to the telephone system. Northern Ohio Telephone Co. completed its first step of reconstructing its system in Pemberville by cutting over to its new switchboard.

In 1963 the village began changing its telephones to the dial system which included extended area services to Bowling Green. The telephone system in Pemberville has grown and has acquired much sophisticated equipment since its beginning in 1895. Today there are close to 1000 customers in the Pemberville exchange.

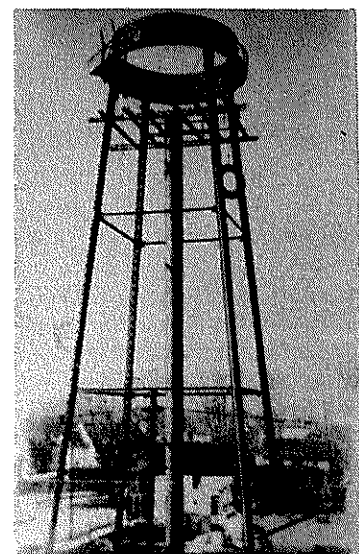
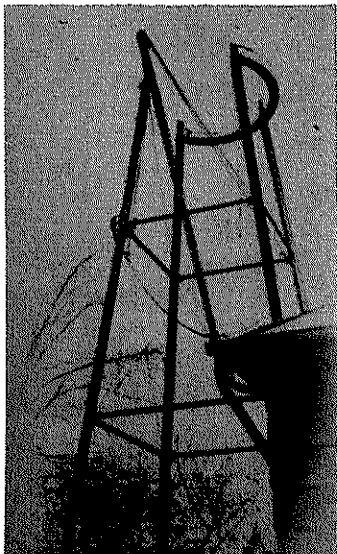
Natural Gas Supply

The first contract to purchase gas from Ohio Fuel Gas Co. was June 21, 1926. Ohio Fuel Gas Co. became a part of the Columbia Gas System, on September 30, 1926. At that time all gas was from the Ohio area. On January 1, 1964, Ohio Fuel Gas Co. changed its name to Columbia Gas of Ohio Inc., a part of the Columbia Distribution Companies which serves natural gas to seven states. Today Columbia Gas Transmission Corp. transports natural gas to Pemberville through large pipe lines from the southwest area of the United States. Over 90% of the gas used in Pemberville comes from the southwest. Due to dwindling exploration of potential additional natural gas supplies gas sales have been restricted for new customers since 1972 and continues at the present time. Today there are approximately 525 customers using natural gas in Pemberville.

Pemberville Water Works

George Speck, in an effort to stimulate interest - the town's interest - in a water works, wrote in the October 4, 1934, issue of the Leader the following paragraph: "A good water works system is a town's most fundamental utility. It is the first and most necessary step in the development of a town; it is what makes it a town and not just a rural community. Without a water works a town faces the danger of fire and pestilence. Pure water and plenty of it has been called the greatest blessing of civilization. The establishment of a good water works system is the first step in civic progress".

A public meeting was held October 29, 1934, in the school gym to inform citizens of Pemberville what the water works would cost, and on Tuesday, November 6, 1934, 399 citizens voted for a millage for a water works while 121 voted against the proposition. Mayor Williams on January 17, 1935, received official notice that the U. S. Government would purchase bonds from the Village of Pemberville for the installation of a water works plant. The Ohio Department of Health approved plans for the plant. The water works plant was to consist of two wells, a 100,000 gallon supply tank and also a water softening facility. The Ohio State Board of Health stated that



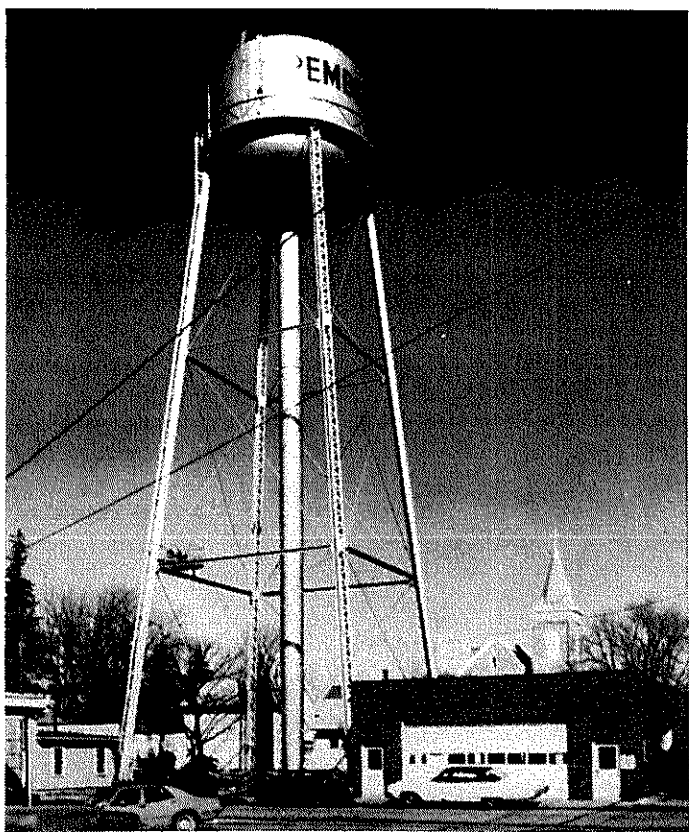
Beginning Water Tower Construction

a daily record of operation be maintained and submitted to the department at monthly intervals.

The contract for the water works was awarded to Bever and Morris of Cleveland for \$57,679.00. The drilling contract was given to C. L. Bierly and Son of Lafayette. One well with a 12 inch hole and one well with a ten inch hole were to be dug.

On April 18, 1935, the drilling machine was on the job, and what Pemberville had been looking forward to for about 40 years would be soon underway. With a signal from Mayor Williams the drill was lowered and drilling began. The wells were to be located on a 2½ acre tract of land west of the New York Central Railroad on Seiler Road. The wells were drilled to a depth of approximately 250 feet. As a means for testing the flow capacity, the wells were pumped for 48 continuous hours. They were good wells! A brick power house, which also housed the softening plant, was constructed at the site of the wells and each well was covered with a small frame building where the pumps are located.

Activity in other parts of town was taking place, too. Trench digging and pipe laying were being done. Reinforced concrete piers were being built on the town's vacant lot on which the 100,000 gallon water tank was to be erected.



Water Tower - 1976

Built in 1935

December 12, 1935, found the water tower completed. Workmen had proceeded with their work despite the weather. George Speck stated in the Leader, "The men were working on the steel water tank despite a miniature blizzard. Perhaps the sun was shining up in their rarified atmosphere."

The job of laying water mains was completed in December, too. More than five miles of pipe were laid in Pemberville.

Pemberville would no longer have to depend on its fire cisterns and the river for its source of water to fight fires because 50 fire hydrants were installed in various spots in town.

There were 273 applicants for water use. By February of 1936, 50 or 60 families were using city water. A Pemberville

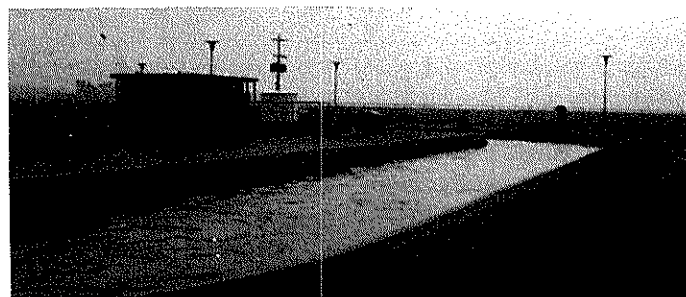
man, who was in the habit of carrying three or four buckets of water upstairs every Saturday night, didn't know what to do with his spare time! Out of town residents would come to Pemberville every week and fill 5 gallon jugs of water to take back to the city for drinking and coffee making.

A new addition to the water works system, costing \$45,000 took place in 1950. Dunbar Drilling and Supply Company of Delta, Ohio, was awarded the bid.

Two new wells were added to the village water system. These along with the necessary buildings are located on a plot purchased from Frank Zak on the southeast corner of his Bierly Ave. property.

The new station's building is located about 40 feet from Bierly Avenue. It is of concrete block construction, housing two vehicle pressure Zeolite softening units, brine pump, and other softening equipment. There is room for the storage and repair of water equipment.

The Pemberville water plant supplies to its consumers approximately 175,000 gallons of water each day, twenty percent of this water being consumed by the new Modine Mfg. Company. There are approximately 635 water customers in the village today.



Sewage Treatment Plant

The Village Sewer System

The Village of Pemberville contracted Finkbeiner-Pettis & Strout as consulting engineers to construct a sewer system for the town. The Boehk Contractors of Maumee built the sewer plant and the aeration system, which was accepted by the town in July, 1971. The interceptor sewers were constructed by the Nagle Contractors of Napoleon. The Boger Contractors of Canton built the sewers on Water Street and streets south of the river. These sewers were accepted from the consulting engineers in September, 1972.

Streets included in the sanitary sewer system are Bierly, Columbus, Forest, East, Bridge, Water, Joyce, Marshall and Front east of Memorial Drive. The remainder of the town is served by older combination sewers with the exception of the south side of Front Street from Memorial Drive to the corporation line on the west end of town, which is served by an interceptor sewer built to pick up all combination sewers before emptying into the river. These combination sewers all have overflows directly into the river for excessive storm water.

The sewage system has four pumping stations at the following locations: Bridge Street, at the west end of the bridge; Bierly Avenue, south of the bridge; the corner of Marshall and Elm Streets; and the final one at Memorial Drive and Front Street (library yard). All sewage is pumped through an 8 inch force main by the pumping station at Memorial Drive. It is pumped to the sewage plant located just east of the corporation line and to the north of Route 105. The sewage system was put into operation in 1972.



Village of Pemberville

115 Main Street, P.O. Box 109

Pemberville, OH 43450

Phone: (419) 287-3832 Website: www.pemberville.org Fax: (419) 287-3738

Carol Bailey, Mayor

Sarah Dyer, Fiscal Officer

September 27, 2022

The Village of Pemberville has **629** billed total water connections. Total amount of water billed for the **calendar year of 2021** was **\$320,729.22**.

The breakdown is as follows:

559 Residential in Town accounts billed	\$228,906.21
9 Residential out of Town accounts billed	\$ 5,738.82
57 Commercial in Town accounts billed	\$ 80,125.31
3 Commercial out of Town accounts billed	\$ 5,312.14
1 Residential out of Town No sewer account billed	\$ 646.74

The average residential in town usage (thousands)	3.2
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The average residential out town usage (thousands)	3.5
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The average commercial in town usage (thousands)	13
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The average commercial out of town usage (thousands)	10.5
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The average residential out town/no sewer (thousands)	1
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Melody Siebenaler

Village of Pemberville

Board of Public Affairs Clerk

YEARLY USAGE REPORT 2021

RATE CODE	# CUST	AVG USAGE	AVG BIL	TOTAL USAGE	TOTAL BILLED
00 RESIDENTIAL IN	559	3.2	\$37.63	19459	\$228906.21
01 RESIDENTIAL OUT	9	3.5	\$57.39	337	\$5738.82
02 COMMERCIAL IN	57	13	\$128	8105	\$80125.31
03 COMMERCIAL OUT	3	10.5	\$147.56	357	\$5312.14
04 RES OUT NO SEWER	1	3.1	\$53.89	34	\$646.74
05 NO CHARGE	0	0	\$0	0	\$0
TOTAL	629				