



Village of Pewamo

Village of Pewamo is an equal opportunity provider and employer.

130 E. Main Street • P.O. Box 385 • Pewamo, MI 48873 • 989-593-2553 • Fax 989-593-2709

Date: June 24, 2019

EMERGENCY RESPONSE PLAN

for the Village of Pewamo water supply system

In case of emergency, contact the Michigan Department of Natural Resources and Environment as soon as possible.

Considerations: Loss of pressure, inadequate quantities of water available, contamination

GENERAL

1. Personnel

List personnel available during emergency conditions. Include position, job duties, telephone number and whether available during strikes.

Mike Scollon Pewamo DPW Supervisor DPW Office: 989 593-3281 Cell: 989 640-4014

Rob Sterner Pewamo DPW Employee DPW Office: 989 593-3281 Cell: 517 526-2435

2. Miscellaneous

List other telephone numbers that may be needed during emergencies:

a. Michigan Department of Natural Resources and Environment:

District Engineer/Sanitarian:

Luke Dehtiar, Supervisor 616 307-0322

Environmental Quality Analyst:

Jeremy Klein, District Analyst 616-250-1053

Emergency Number:

Pollution Emergency Alert System (PEAS) 800-292-4706

Fax: 616-356-0298

b. Appropriate Municipal Officials:

Mike Scollon Pewamo DPW Supervisor DPW Office: 989 593-3281 Cell: 989 640-4014

c. Local Health Department:

Ionia County Health Department: 616 527-5341

d. Department of Agriculture:

Ionia County Extension Office: (616) 527-5357

e. Police:

Ionia County Sheriff Department: (616) 527-5737

f. Fire Department:

Michael Yerge, Fire Chief "911" Fire Station: 989 593-3322 Cell: 269 209-0564

g. Newspapers:

Ionia Sentinel Standard (616) 527-2100

h. Radio/TV Stations:

WION 616 527-9466

i. Nearby Water Utilities:

City of Ionia 616 527-0370

j. Nearby Laboratories:

City of Ionia Treatment Plant 616-527-0370

k. Other:

3. Contractors

List telephone numbers of reputable contractors which may be needed during emergencies.

- a. Excavators: **Pung Excavating 989-593-2135 Jim Pung: 989-640-0133**
John Pung: 989 640-0132
- b. Well Drillers: **Peerless Midwest - Ionia 616-527-0050**
Bob Masters: 616-490-1348 or 616-690-8139
- c. Welders: **Gross Machine Shop 989 587-4021**
- d. Electricians: **Diversified Electric-Joe Trierweiler 517 204-1323**
Westphalia Electric-989-587-3983
- e. Plumbers: **Steve Weber: 989-292-0603**
- f. Other:

4. Suppliers

List telephone numbers of suppliers which may be needed during emergencies.

- a. Chemical Suppliers: **Alexander Chemical 517-676-8884**
- b. Pump Suppliers: **Peerless Midwest - Ionia 616-527-0050**
Bob Masters: 616-490-1348 or 616-690-8139
- c. Water Main Repair Materials Supplier: **Municipal Supply 989 647-6597**
Doug Trierweiler 989 593-2626
- d. Other:

CRITICAL CUSTOMERS

1. List critical customers or users for whom the provision of a continuous supply of safe water is most urgent. Include name, telephone number and address.

St. Joseph's School: 989 593-3400 Kramer's Bar & Grill: 989 593-3000
P-W Elementary School: 989 593-3488 Oakwood Lounge: 989 887-2000
Countryside Apartments: 989 593-2602 Wood's Deli: 989 593-3404
Shepard Trailside Apartments: Lester Shepard 616 902-0134
Wilbur-Ellis: 989 593-2291

2. Describe method to provide critical customers with a continuous supply of water.
Contact by phone or in person.

COMMUNICATIONS

1. Describe methods of communication available during power outages.

Cell Phones

Pewamo Fire Department: Michael Yerge: 269 209-0564

2. Describe methods to provide customers or users with current information and recommended precautions to protect public health.

Postings in public places

Village Public Access Channel & Facebook

Door to Door Postings

PLANS & AGREEMENTS

1. General Layout. Attach the general layout (piping schematic) of the waterworks system or indicate the location of the General Plan as well as valve and hydrant records and any other information that would be helpful in fully describing the water system.

Pertinent information is located in a black file cabinet at the DPW Office in the WATER drawer.

2. Personnel Safety Plans. List relevant plans and indicate their locations. Examples may include evacuation plans, lock down procedures, location of personal protective equipment (PPE) and procedures for use, and location of Material Safety Data Sheets (MSDS).

PPE & MSDS are located in the green file cabinet at the DPW Office each in their own three ring binder. The blinders are clearly marked. Copies are also included in the Emergency Response Plan Binder.

3. Water Sampling and Monitoring Plans. Describe monitoring to be conducted to identify potential public health threats. List plans and their locations. Examples include the Bacteriological Sample Siting Plan, sampling procedures for different types of contaminants, locations of sampling containers and procedures to obtain more, laboratories to analyze other contaminants, identify laboratories to contact (with phone numbers) to arrange for rapid sampling for volatile organic chemicals or other unknown compounds.

Water Sampling and Monitoring Plans are also included in the Emergency Response Plan Binder. Please see attached.

4. Mutual aid agreements. Describe type and terms of agreements with other water supplies that may be implemented during an emergency. Attach or include location of agreements. Examples include sharing personnel and equipment, and loaning supplies.

There is a general understanding among local water departments in our area that we will come to each others assistance in the case of an emergency. Supplies and manpower will be made available as needed and replaced as soon as possible.

5. Emergency Supplies and Equipment Plans

- a. Emergency equipment available. Identify and indicate location of equipment and vehicles that may be needed in an emergency. If the equipment is leased, rented, shared or otherwise not immediately available, describe the procedure for securing the equipment including contact information.

Barricades, pumps, trucks and backhoes, shoring, man lift are all located in the DPW Garage. Additional emergency equipment would be provided by either a contractor or local water department under mutual aid.

- b. Replacement equipment. Identify and indicate location of replacement equipment or parts that may be needed in an emergency. Describe how to secure replacements, if not on site, including contact information (or refer to Contacts section of this ERP).

Barricades, pumps, trucks and backhoes, shoring, man lift are all located in the DPW Garage. Additional emergency equipment would be provided by either a contractor or local water department under mutual aid.

- c. First aid supplies and equipment. Include locations and contact information for securing additional supplies and equipment.

Pewamo DPW Emergency supplies are located in a First Aid Cabinet in the DPW Office. In the case that additional First Aid Supplies or equipment are necessary, 911 or members of the local fire department will be contacted.

Michael Yerge: 269 209-0564

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SOURCE

Master Meter

Location(s) and Size(s)

300 W. Lincoln Street, Pewamo Pump House Pump #1 is 6" Pump #2 is 4"

Groundwater Sources

Well Number	Diameter (inches)	Depth (feet)	Capacity (gpm)	Location	Treatment Type
1	12"	500'	450	300 W. Lincoln	Emergency Only Chlorine
2	6"	500'	150	300 W. Lincoln	Emergency Only Chlorine

Surface Water Sources

Pump Number	High or Low Service	Capacity (gpm)	Location
None			

1. Describe method to operate wells for groundwater sources, or pumps for surface water sources (manual or automatic). **Automatic**

2. Auxiliary power available: Yes
Type: **Stand by power generator**
Location: **On site**
Capacity: **85 kw**

Describe how to activate and operate auxiliary power: **Generator is programmed for automatic start in the case of a power outage.**

If auxiliary power is leased, rented, shared or otherwise not immediately available on the property, describe the procedure for securing the equipment: **N/A**

Owner:

Contact name and telephone number:

Type and terms of agreement:

TREATMENT

1. If treatment employed at wells, describe method to provide auxiliary power to chemical feed pumps. **Stand by generator will provide power for emergency treatment.**
2. If centralized treatment employed (iron removal, zeolite softening, etc.): N/A
 - a. Describe method to provide auxiliary power to high service pumps: N/A
 - b. Describe method to provide auxiliary power to chemical feed pumps:
Connect chlorine machines to wall outlets and check operation.
 - c. Describe procedure to bypass treatment facility: N/A
3. If no treatment, describe method to provide emergency chlorination:
Connect chlorine machines to wall outlets and check operation.
4. If surface water treatment employed, describe method to provide auxiliary power. N/A

DISTRIBUTION

1. Storage

Tank Type	Capacity	Location
Elevated elliptical	75,000 gallons	150 Higham Street

Describe procedure to bypass storage facility:
Close valve #32, #34 and #35 see valve book located in the black cabinet in the DPW Office in the Water drawer. Attach blow off valve to Hydrant #6

2. Pumping stations: N/A

- a. Identify location and capacity of pumps:
- b. Describe method to provide auxiliary power to pumps:

3. Describe any emergency interconnections with other water supplies. List contact persons, telephone numbers and procedures to secure water from and provide water to those other water supplies. N/A

4. List available licensed water haulers and sources of bottled water with phone numbers. **Mr. Michael A. Heinritz, American Rentals, Inc., 4901 W Grand River Ave, Lansing, MI, 48906-9108 517-321-1110** **Simon Brothers Trucking (non-licensed) Fowler, MI 48835**

ADDITIONAL INSTRUCTIONS

The Emergency Response Plan shall be located and distributed as necessary to assure effective use by all necessary waterworks personnel.

This plan shall be updated every 5 years or as necessary (as changes occur in personnel, contact information, or other factors).

Signature: _____ Date: _____
Mike Scollon

Title: DPW Supervisor _____