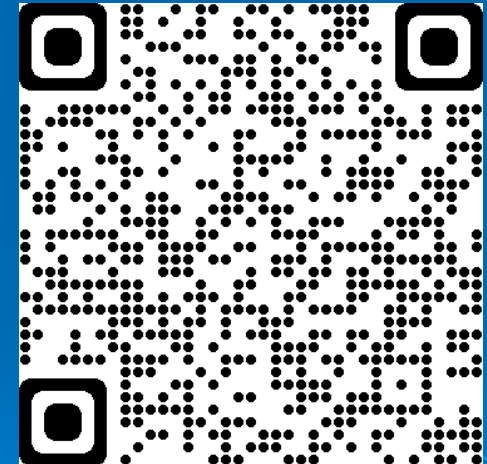


Ohio WARN



OTCO Workshop
6 March 2024



Ohio WARN Emergency Activation

- 💧 Introduction to OHWARN
- 💧 New Website Tour
- 💧 Case Studies
- 💧 Mini TTX (*if time allows*)
- 💧 Roundtable



Who We Are

- 💧 Ohio Water/Wastewater Response Network
 - 💧 “Utilities Helping Utilities”
- 💧 130 Water and Wastewater Utilities in Ohio
- 💧 Networked with other WARNs (KYWARN, INWARN, etc.)
- 💧 One (1) Mutual Aid and Assistance Agreement
- 💧 40 Non-Utilities (EMAs, OEPA, ORWA, RCAP, ODPS, ODH, CISA)

No Obligation!!



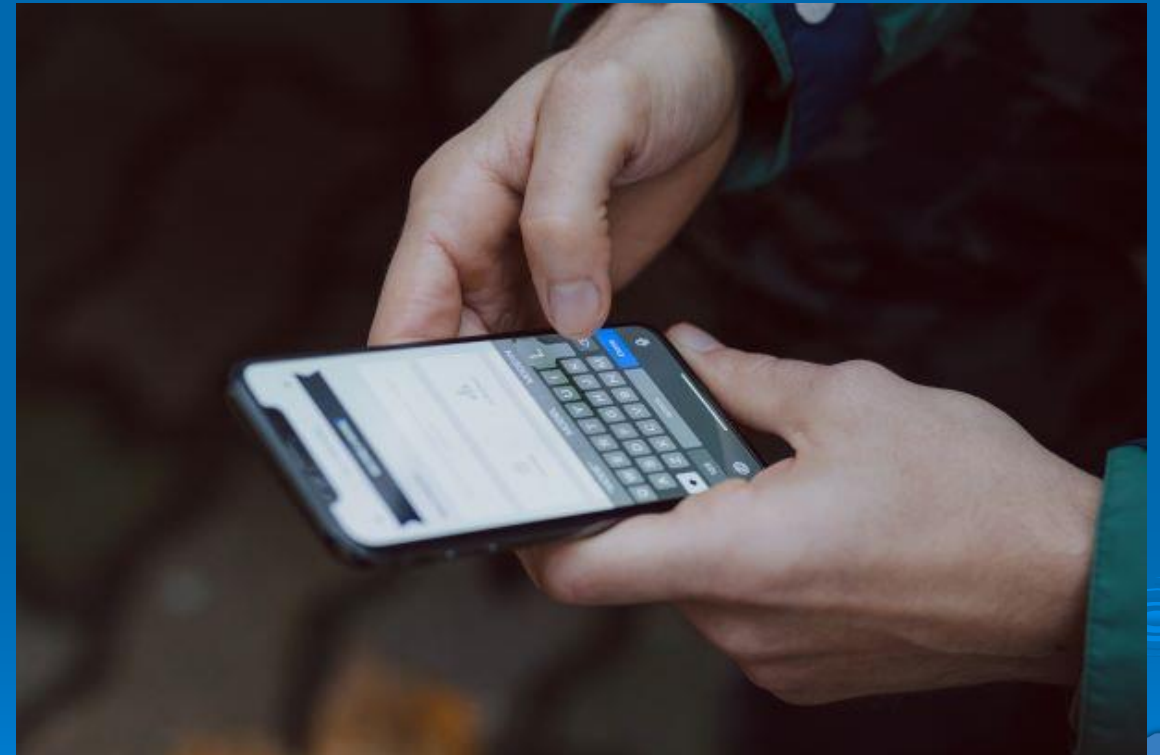
What We Do

- 💧 Prepare for Emergencies
 - 💧 Training
 - 💧 Resources
- 💧 Mutual aid & assistance
 - 💧 Respond to Emergencies
 - 💧 Alert for Resources
 - 💧 Sent to all 170 members

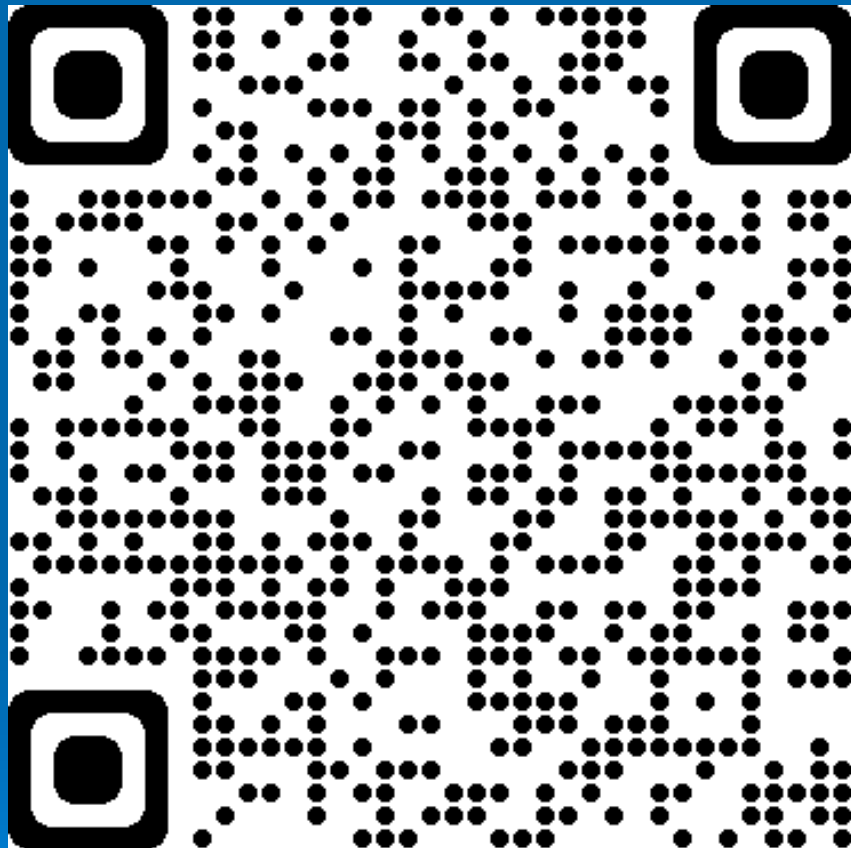


Ohio WARN Activation

- 💧 Alert system
 - 💧 www.ohwarn.org
- 💧 Contact Regional Coordinator
 - 💧 NE, NW, SE, SW
- 💧 Contact Member Direct
 - 💧 Utility Directory



OHWARN Website – New and Improved



www.ohwarn.org



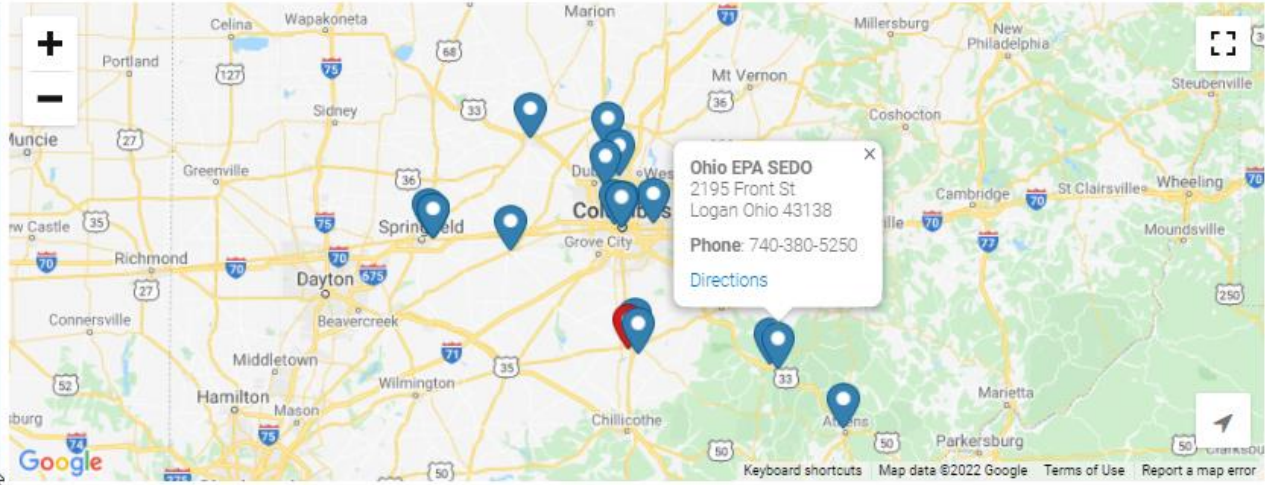
Searchable Utility Directory

Utility Directory

Your location Search radius Results

Circleville Department of Public Utilities
108 E Franklin St
Circleville Ohio 43113
United States
1.8 mi
[Directions](#)

Earnhart Hill Regional Water & Sewer District
2030 Stoneridge Dr
PO Box 151
Circleville Ohio 43113
United States



The map displays several utility locations across Ohio, marked with blue pins. A popup window for 'Ohio EPA SEDO' is visible, providing the address 2195 Front St, Logan Ohio 43138, and the phone number 740-380-5250. The map includes standard navigation controls like zoom in (+) and zoom out (-) buttons, a search bar, and a 'Report a map error' link.

Mutual Aid Agreement

OHIO WATER/WASTEWATER AGENCY RESPONSE NETWORK

MUTUAL AID AGREEMENT

WHEREAS, ce
the "Ohio W
resources and
supplies in the

WHEREAS, th
Agency Respo
terms and c
provided; and

WHEREAS, by
in a program t

NOW, THERE
contained in
authorized by,

Recognizing th
to their custome
equipment an
Agreement he

to this Agreement shall not use any information, systems, or records made available to them for any purpose other than to fulfill their contractual duties specified in this Agreement. Both Requesting and Responding Members acknowledge that they will have access to sensitive information of others that may be considered sensitive or protected under the laws of the State of Ohio. If a Member receives a request to provide information of another Member or a third party, the Member receiving such request shall notify the other Member and they shall jointly agree upon what documentation is to be released.

NOW, THEREFORE, in consideration of the covenants and obligations in this Agreement, the Water and Wastewater Utility listed here manifests its intent to be a party to this Agreement and Member of the Intrastate Mutual Aid and Assistance Program for Water and Wastewater Utilities by executing this Agreement this _____ day of _____, _____.

Water/Wastewater Utility: _____
(Name, address, city)

Authorizing Ordinance/Resolution Number: _____

By: _____

Title: _____ Title: _____

By: _____ By: _____

Authorized Signature



We'll Prepare Next Emergen

Ohio WARN is a statewide Water/Waste Network (WARN) of utilities helping util

[OUR SERVICES](#)

Why Is Ohio WARN A Necessity For Your Community & Family?

Water and wastewater systems provide our communities with a life-sustaining resource that is of vital importance to maintaining public health, sanitation and safety. When water and wastewater services are interrupted for extended periods of time, a community's well-being quickly deteriorates, as evidenced by Hurricane Katrina. And without an adequate water supply, our communities are vulnerable to devastating fires. By restoring water and wastewater service in the most efficient manner possible, Ohio WARN provides renewed hope for fast recovery from such disasters. Ohio WARN is also available to use in non-disaster emergencies or when you may be in need of help or assistance.


[WARN IN ACTION VIDEO](#)

💧 **Forgot
Password?**

💧 **Use Numbers!**

Username or Email Address

Password

Please enter an answer in digits:
17 - 17 =

Remember Me

Lost your password?

[← Go to OHWarn](#)

Latest Alerts

OHWARN – Ohio – 06/14/2021

Ohio WARN Update – Ohio – 06/10/2021

We'll Prepare For The Next Emergency

Ohio WARN is a statewide Water/Wastewater Agency Response Network (WARN) of utilities helping utilities.

OUR SERVICES

 **New Member or User Registration**



New Member/Utility Registration

To become a utility member of OHWARN, utilities must execute an OHWARN Agreement. Use the form below to register as a new member of the OHWARN network. Registration allows you to receive the latest information from OHWARN, however, it is not a legal commitment to provide services to other utilities.

After you have filled out this form, you will receive a confirmation email which will direct you to verify your address by clicking on the link provided. The OHWARN administrator will then "approve" your membership application and you will be sent an email to remind you to finalize you registration by completing your entire utility profile.

Name *

John Doe
First Last

Title

Director

Email *

john.doe@anytown.gov

Phone *

1223-456-7890

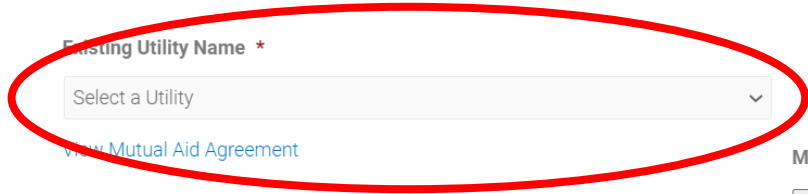
Alt Phone

Password *

Enter Password Confirm Password

Existing Utility Name *

Select a Utility



[View Mutual Aid Agreement](#)

Mutual Aid Agreement (Completed)

Choose File No file chosen
Accepted file types: pdf, Max. file size: 100 MB.

SUBMIT



New Member/Utility Registration

To become a utility member of OHWARN, utilities must execute an OHWARN Agreement. Use the form below to register as a new member of the OHWARN network. Registration allows you to receive the latest information from OHWARN, however, it is not a legal commitment to provide services to other utilities.

After you have filled out this form, you will receive a confirmation email which will direct you to verify your address by clicking on the link provided. The OHWARN administrator will then "approve" your membership application and you will be sent an email to remind you to finalize you registration by completing your entire utility profile.

Name *

John Doe
First Last

Title

Director

Email *

john.doe@anytown.gov

Phone *

123-456-7890

Alt Phone

Password *

Enter Password

Confirm Password

Existing Utility Name *

Not Listed

Utility Name *

Anytown Waater

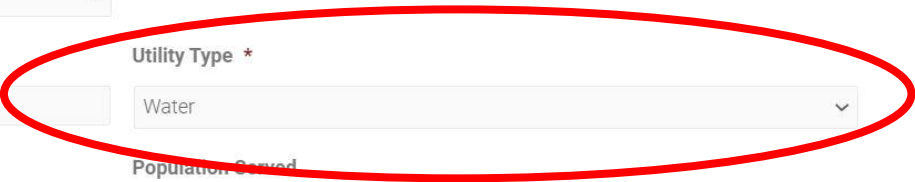
Utility Type *

Water

Utility Region *

Northeast

Population Served



MailEnable Web Mail:INFC

Warren
Warren Community Water and Sewer Association Inc.
Warren County Emergency Management
Warren County Water and Sewer
Wayne County Emergency Management Agency
Wellington
West Farmington Water
Western Water Company
Whitehouse
Winesburg Area Development Corp
Wood County EMA
Wooster
Yellow Springs
Not Listed
Select a Utility

in - Vi...

Other bookmarks | Reading list

Doe
Last

Email *
john.doe@anytown.gov

Alt Phone

Confirm Password

[View Mutual Aid Agreement](#)

Mutual Aid Agreement (Completed)

No file chosen

Accepted file types: pdf, Max. file size: 100 MB.

SUBMIT



Unity Region: Northeast
Population Served:
Water Service Connections: 1000
Wastewater Capacity: 1
Utility General Phone *: 123-456-7890
Utility 24 Emergency Phone *: 123-456-789
Address 1 *: 123 Main Street
Address 2:
Address 3:
City *: Anytown
State *: Ohio
Zip Code *: 43210
County *: Adams

[View Mutual Aid Agreement](#)

Mutual Aid Agreement (Completed)
 No file chosen
Accepted file types: pdf, Max. file size: 100 MB.



Ohio WARN Activations in Detail

- 💧 2008 Hurricane Ike
- 💧 2013 Cleveland Coupling
- 💧 2014 Gallipolis Main Break
- 💧 2016 Logan Valve Break
- 💧 2017 Logan Main Break
- 💧 2018 Dayton WW Pump
- 💧 2019 Dayton Tornado
- 💧 2020 COVID-19 Pandemic
- 💧 2021 Cyber: Solarwinds
- 💧 2021 NWWSD Main break

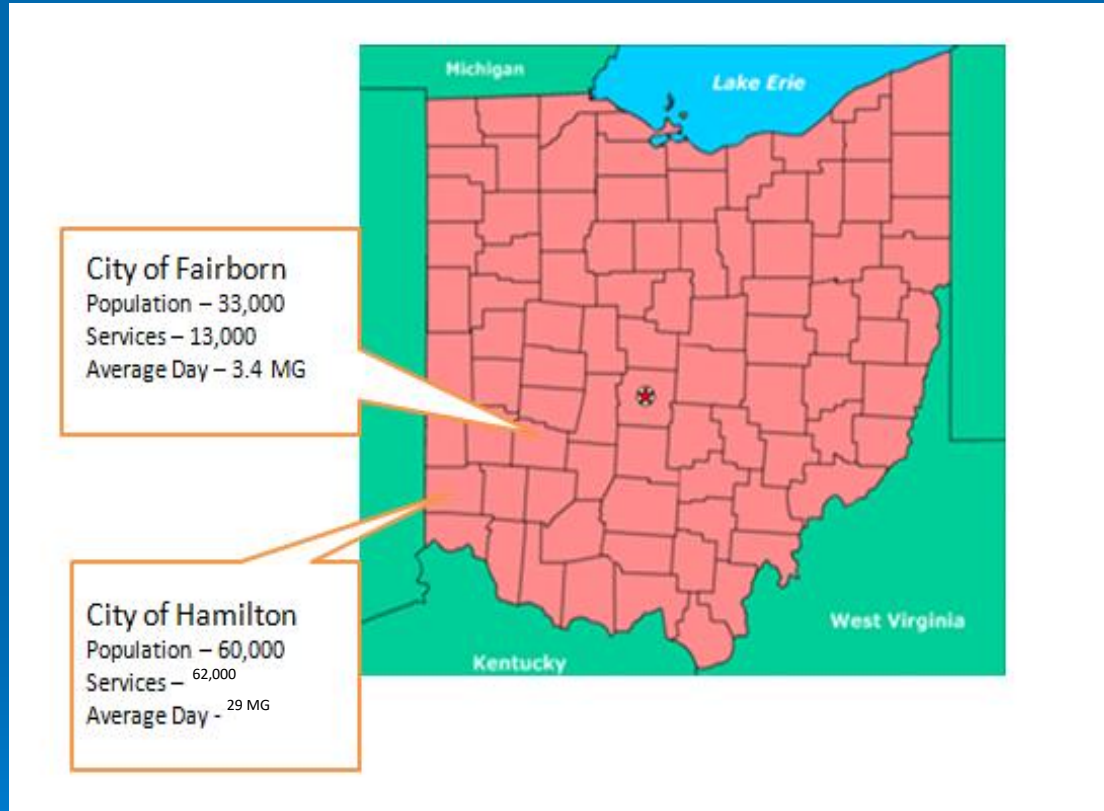


OH WARN in Action

- 💧 “Hurricanes don’t hit Ohio.”
- 💧 Hurricane Ike – 9/14/08
- 💧 Cincinnati, Columbus and Dayton metro areas were all strongly impacted
- 💧 Widespread power outages
 - 💧 >1 Million Residents affected
 - 💧 Roads and highways blocked
 - 💧 Likely to last > 1 week



2008 Hurricane Ike



- City of Fairborn
 - Initially lost power
 - Power restored w/in 6 hours
- City of Hamilton
 - Sustained power outage
 - Local contacts proved fruitless
 - Turned to OH WARN
- City of Fairborn responds
 - Portable generator
 - 4 Days
 - 350 Residents

Cleveland 7 August 2013 2:57 PM

Good afternoon Randy,

The City of Cleveland Division of Water is in urgent need of two 24" Victaulics couplings. We have contacted Victaulic but have been informed it will take about a week before we can get them. We have had a failure on a 24" main coming out of one of our treatment plants that is affecting our entire First High pressure district.. We have implemented a workaround feed to temporarily supply the area but are not certain how well this will work – reverse flow, different pressures, etc.

Can the WARN network be contacted to see if anyone has two of these: 24" Victaulic cplg style 44 with E gasket, plated bolts and shop primer coated Part number C240044PE0. If someone does, we would need to talk with them on further details, as well as make arrangement to pick them up. They would get the new ones as soon as received. Please feel free to contact me with any questions. I can be reached at the below number until 4:30 pm, and at 216-??? anytime. You can also reach Kim Thompson, our Chief of Distribution at 216-348-7277 or by cell at 216-???-???. I have copied him as well as our WARN representative, Payton Hall.

Thank you for your assistance

Melinda L. Raimann
Administrative Manager
Distribution & Maintenance
Cleveland Division of Water
216-664-2444 x 5638
216-348-7292 (fax)
melinda_raimann@clevelandwater.com



Cleveland 7 August 2013

💧 August 7th

- 💧 3:13 PM Copy of Request for assistance sent to all OHWARN members

💧 August 8th

- 💧 8:22 AM inquired if any assistance had been received, only offer of gaskets.
- 💧 9:32 AM Forwarded request to Indiana, Michigan, Pennsylvania, Kentucky, Illinois, and Kevin Morley.
- 💧 9:42 AM Kevin Morley forwarded to all WARNS in Regions 1-7



Cleveland 7 August 2013

💧 August 9th

- 💧 3:01 PM notified by City of Cleveland that parts had been located at a Hanson Pipe facility in Canada and were on a plane to them.
- 💧 3:12 PM All WARNS notified that request had been met.
- 💧 3:17 PM Kevin Morley also sent request to close all open requests for assistance on this matter.

Gallipolis - 2014

June 2

- Large leak unknown
- Boil Advisory issued
- Located and capped main
- System continued to lose pressure

June 3

- Gallia Co. EOC activated
- Fire Dept shuttled non-potable water to healthcare facilities



Gallipolis - 2014

June 4

- City believes leak repaired
- 60% of city without water
- Bottled water distribution
- Showers and Sanitation Stations

June 5

- System on-line— still losing 2 MGD
- Contact Ohio WARN



Gallipolis - 2014

June 6

- Agencies assist through OHWARN
- Crews assist with leak detection

June 7-8

- Multiple agencies assisting
- Med Center on temporary source

June 9 - 10

- Leak located and isolated

June 11

- EOC Shutdown

City of Gallipolis, Ohio

LOCATION: 333 Third Avenue Phone: 740.446.2489 (CITY)
Gallipolis, OH 45631 Fax: 740.441.2070

MAIL TO: P O BOX 339 Email: citymanager@gallipoliscity.com
GALLIPOLIS, OH 45631-0339 Website: www.cityofgallipolis.com

June 9, 2014

NEWS RELEASE

According to City Manager Randy Finney, the major water leak that was not allowing the water system to maintain pressure has been found. A twelve inch abandoned water main has been identified as the problem. The water system had a failure on June 2 and an active water main under the Chickaungua Creek was broken along with the abandoned line. Repairs were completed on June 4th to the active line and the when the system was started back up, the lines could not be pressurized.

Logan June 2016

- 💧 Columbus received request the morning of June 25, 2016
- 💧 The entire city was under a state of emergency
- 💧 Boil advisory and water conservation order over 24 hours
- 💧 Logan was not OHWARN member at time
- 💧 Completed MAA
- 💧 Columbus dispatched 2:00 PM

07/13/2016 WED 17:28 FAX 002/004

ARTICLE XVII RECORDS, DOCUMENTS AND SENSITIVE INFORMATION

All records, documents, writings or other information produced or used by the parties to this Agreement, which, under the laws of the State of Ohio, is classified as public or privileged, will be treated as such by the other parties to this Agreement. The parties to this Agreement shall not use any information, systems, or records made available to them for any purpose other than to fulfill their contractual duties specified in this Agreement. Both Requesting and Responding Members acknowledge that they will have access to sensitive information of others that may be considered sensitive or protected under the laws of the State of Ohio. If a Member receives a request to provide information of another Member or a third party, the Member receiving such request shall notify the other Member and they shall jointly agree upon what documentation is to be released.

NOW, THEREFORE, in consideration of the covenants and obligations in this Agreement, the Water and Wastewater Utility listed here manifests its intent to be a party to this Agreement and Member of the Intrastate Mutual Aid and Assistance Program for Water and Wastewater Utilities by executing this Agreement this 25 day of June, 2016.

Water/Wastewater Utility: City of Logan, 105 Mulberry St
(Name, address, city) Logan OH 45738

Authorizing Ordinance/Resolution Number: _____

By: Ned H. Smith II By: _____

Title: City Service Director Title: _____

Logan April 2017 Main Break

- 💧 Received call from OEPA
- 💧 10 ft split on 12 in PVC main
- 💧 Needed leak detection
- 💧 Buried 20 ft
- 💧 Columbus team responds



Logan July 2017 Main Break

- 💧 8" Main Break
- 💧 Prevent depressurization
- 💧 Columbus dispatched
- 💧 Temporary repairs July 26
- 💧 Permanent repairs July 27



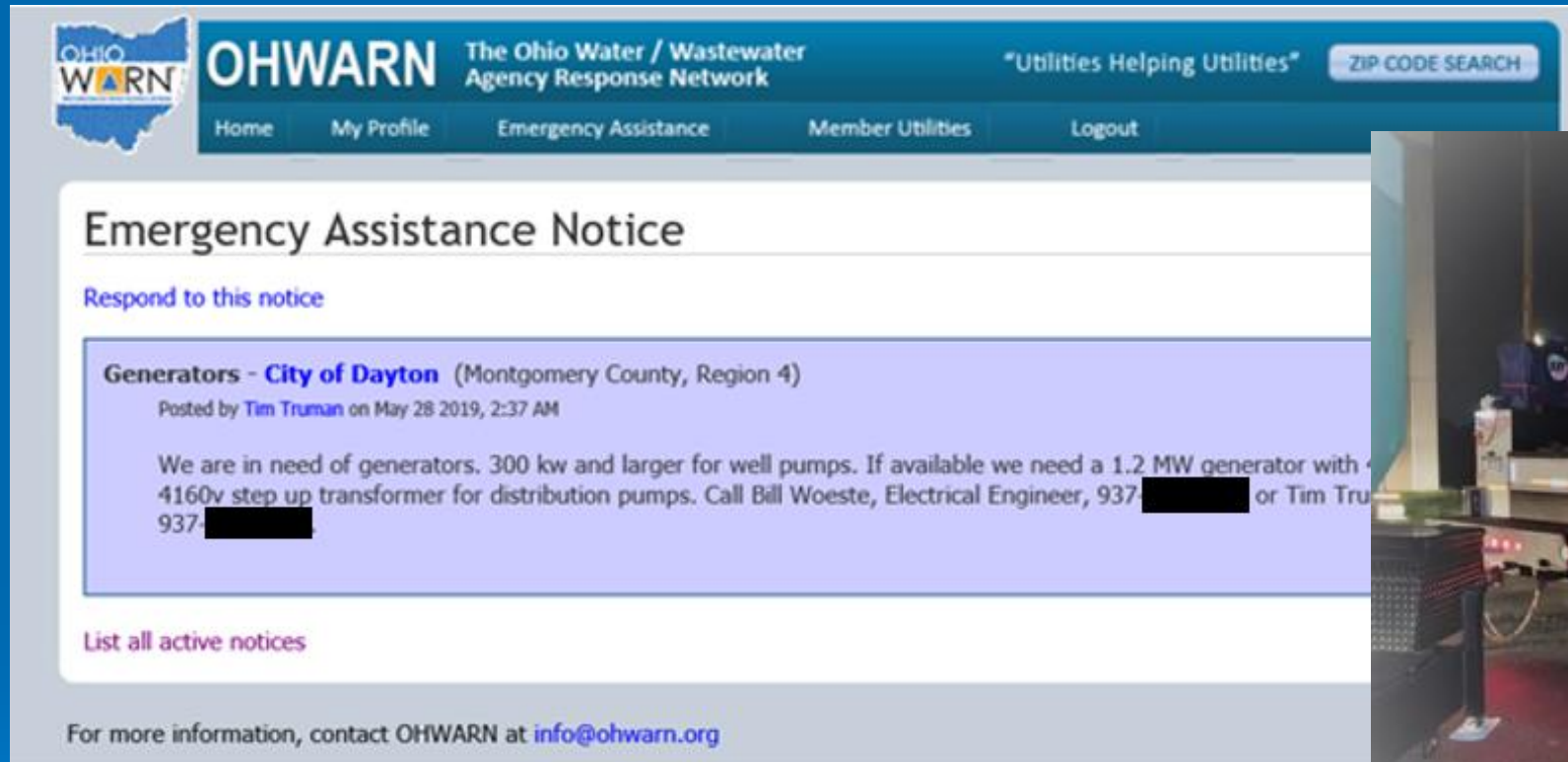
Dayton August 2018 WW Pump

- 💧 Lift Station Pumps failing
 - 💧 22,000 GPM, 50 ft head, 24 in.
- 💧 No pump that size available in Ohio
- 💧 Request to other State WARNs
 - 💧 ILWARN, INWARN, KYWARN, MIWARN, MNWARN, & TNWARN
- 💧 KYWARN - Louisville, KY
- 💧 Obtained pump within one week

May 27-28, 2019 Tornadoes



02:37 May 28 OHWARN Request



The screenshot shows the OHWARN website interface. At the top left is the OHWARN logo, which includes a map of Ohio. To the right of the logo is the text "OHWARN The Ohio Water / Wastewater Agency Response Network" and the slogan "Utilities Helping Utilities". A "ZIP CODE SEARCH" button is located on the right side of the header. Below the header is a navigation menu with links for "Home", "My Profile", "Emergency Assistance", "Member Utilities", and "Logout". The main content area features a section titled "Emergency Assistance Notice" with a sub-link "Respond to this notice". The notice itself is titled "Generators - City of Dayton (Montgomery County, Region 4)" and is dated "Posted by Tim Truman on May 28 2019, 2:37 AM". The text of the notice reads: "We are in need of generators. 300 kw and larger for well pumps. If available we need a 1.2 MW generator with 4160v step up transformer for distribution pumps. Call Bill Woeste, Electrical Engineer, 937 [REDACTED] or Tim Truman, 937 [REDACTED]". Below the notice is a link "List all active notices". At the bottom of the page, it says "For more information, contact OHWARN at info@ohwarn.org".



Memorial Day Tornadoes 2019



Fairborn delivering generator

💧 Mutual Assistance

- 💧 Troy
- 💧 Fairborn
- 💧 MCES
- 💧 Columbus
- 💧 NEORSD (Cleveland)
- 💧 Union Co. EMA
- 💧 Montgomery Co. EMA
- 💧 OEMA

2019 OHWARN Dayton Response



COVID-19 2020

- 💧 Global pandemic
- 💧 WARN/FEMA/USEPA
- 💧 Set up 10 PODS
- 💧 Distributed >60,000 masks
- 💧 ORWA logged >2,000 mi.
- 💧 Assist with Pandemic Plans



Tim Ballard, ORWA delivering masks

COVID-19 PODS

- Bellefontaine
- Byesville
- Columbus
- Dayton

- Delta
- Hamler
- Gallia Co. Rural Water
- Madison Co. Water & Sewer

- NEORS
- Northern Ohio Rural Water
- Toledo
- ORWA

THANK YOU!

2021-2024 Cybersecurity

- 💧 DHS/CISA
- 💧 Solarwinds Hack
- 💧 Volt Typhoon
- 💧 Water Sector Workshop

Ohio Water Sector Workshop

Workshop/Townhall Opportunities to Ask Cybersecurity Questions about your ICS operations network

July 12, 2021: 3PM, 7PM

July 13, 2021: 5PM, 7 PM

July 14, 2021: 9AM, 3PM, 7PM

July 15, 2021: 11AM, 3PM

Email your PSA (michael.mcmasters@hq.dhs.gov) or CSA (terin.williams@cisa.dhs.gov) or an invite to one or more sessions.
The *15-minute rule* is in effect so the townhall will be terminated if no one shows up in the first 15 minutes.
Technical or non-technical personnel are welcomed. Private meetings about your specific environment are welcomed upon request.

Northwestern Water & Sewer - Dec. 2021

- 💧 Water main leak
 - 💧 Critical user and Water tower
- 💧 Request 2 Victaulic coupling
- 💧 Request sent
 - 💧 Ohio utilities unable to fulfill
 - 💧 Sent to other state WARNS
 - 💧 Offers received out-of-state
- 💧 NWWSD opted to weld joint

Closing

- 💧 The Ohio WARN membership is a must have
- 💧 The WARN system works regardless of system size
- 💧 Better to ask for help and not need it than to need help and not ask
- 💧 Resources and Training

Contact Us

OhWARN.org
info@ohwarn.org

Meetings:

First Monday 10:30 AM via MS Teams (in-person third month of each quarter in Columbus)

*Contact us to send you an invitation

Contact us if someone retires or leaves your organization!

