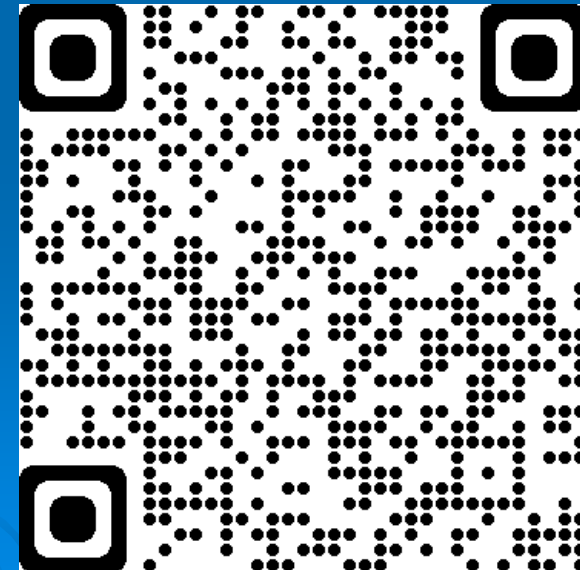


# Ohio WARN

## Emergency Operations

December 1, 2022



# Ohio WARN

- 💧 Introduction to OHWARN
- 💧 New Website Tour
- 💧 Case Studies
- 💧 Questions



# 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

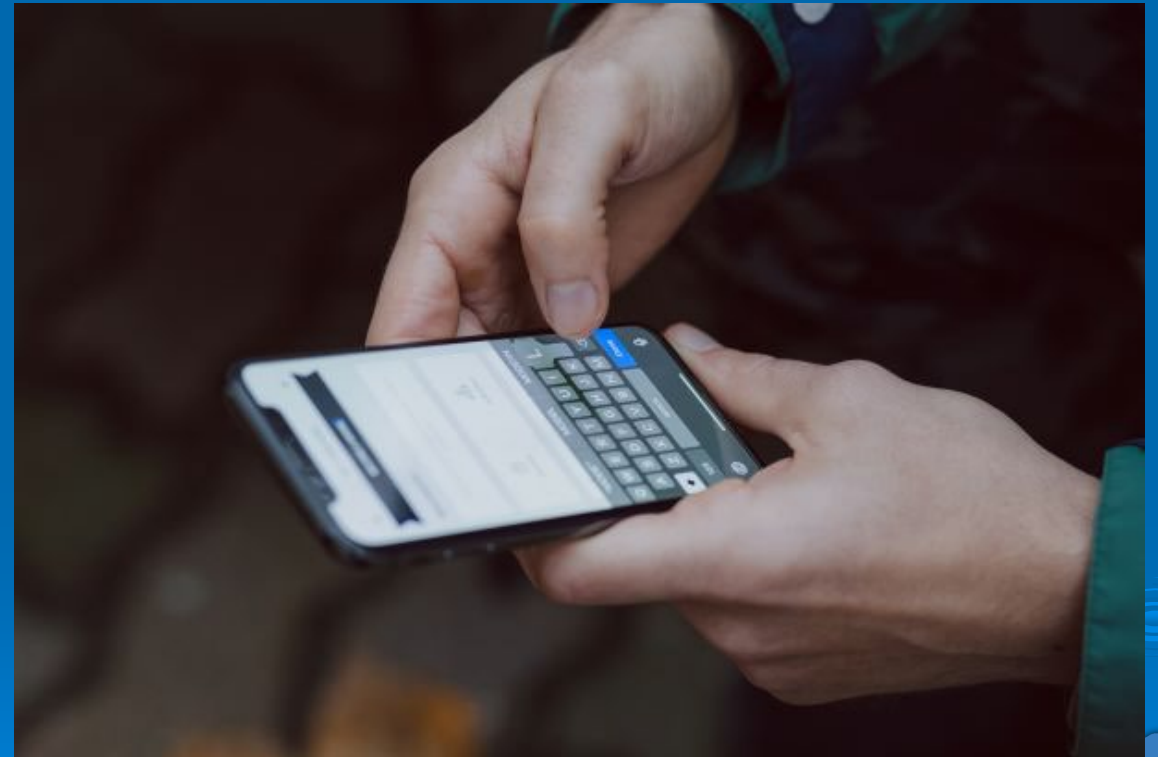
- 💧 Prepare for Emergencies
  - 💧 Training
  - 💧 Resources
- 💧 Mutual aid & assistance
  - 💧 Respond to Emergencies
  - 💧 Alert for Resources
  - 💧 Sent to all 170 members





# Ohio WARN Activation

- 💧 Alert system
  - 💧 [www.ohwarn.org](http://www.ohwarn.org)
- 💧 Contact Regional Coordinator
  - 💧 NE, NW, SE, SW
- 💧 Contact Member Direct
  - 💧 Utility Directory



# Searchable Utility Directory

## Utility Directory

Your location  Search radius  Results

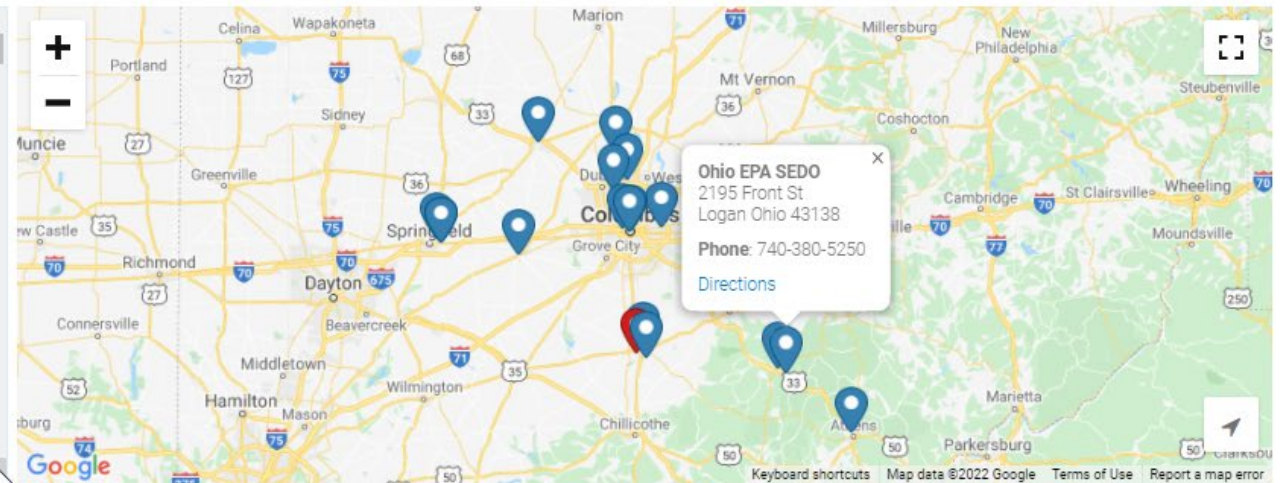
### Circleville Department of Public Utilities

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



# 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 t  
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: \_\_\_\_\_

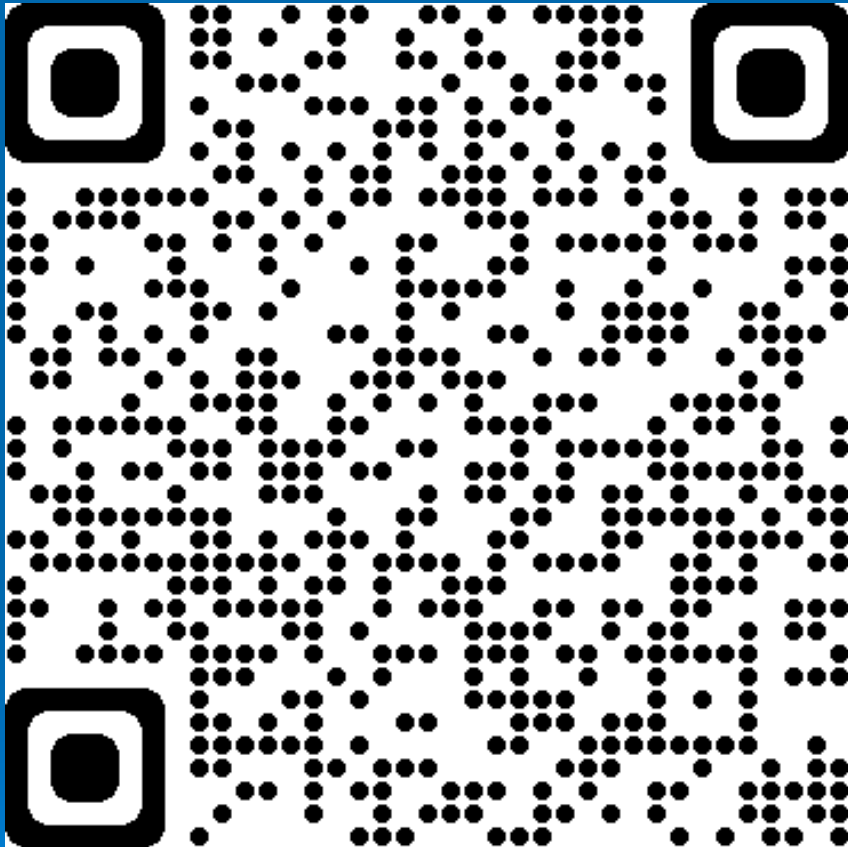
By: \_\_\_\_\_

Title: \_\_\_\_\_ Title: \_\_\_\_\_

By: \_\_\_\_\_ By: \_\_\_\_\_

Authorized Signature

# OHWARN Website – New and Improved



[www.ohwarn.org](http://www.ohwarn.org)





# 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**

 **Website Tour**

💧 Forgot  
Password?

💧 *Use Numbers!*

Username or Email Address

tim.truman@daytonohio.gov

Password

.....

Please enter an answer in digits:

17 - 17 =

☐ Remember Me

Log In

Lost your password?

← Go to OHWarn



# 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

First

Doe

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







Wadsworth

MailEnable Web Mail: INFO

← → ↺ 🏠 🔒 of

Apps OHWARN: The

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

[View Mutual Aid Agreement](#)

SUBMIT

in - Vi...

Other bookmarks Reading list

Doe

Last

Email \*

john.doe@anytown.gov

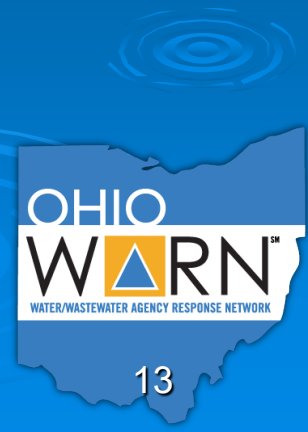
Alt Phone

Confirm Password

Mutual Aid Agreement (Completed)

Choose File No file chosen

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





# 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 \***

First

Last

**Title**

**Email \***

**Phone \***

**Alt Phone**

**Password \***

Enter Password

Confirm Password

**Existing Utility Name \***

▼

**Utility Name \***

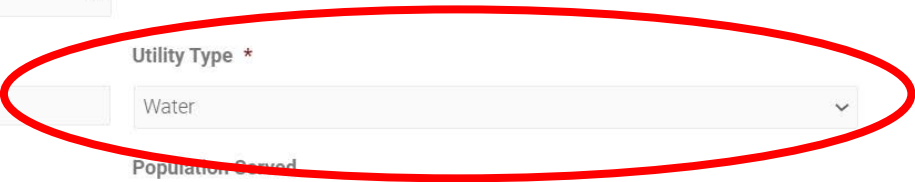
**Utility Type \***

▼

**Utility Region \***

▼

**Population Served**



MailEnable Web Mail:INFO@OH... x OHWARN: The Ohio Water/Wasti... x

ohwarn.org/member-registration/

Apps OHWARN: The Ohi... WebEOC 8.8 Login Ohio Sentry: COVID... Webmail Login - Vi... Other bookmarks Reading list

County 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

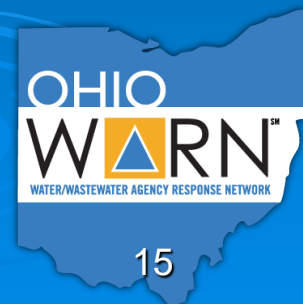
[View Mutual Aid Agreement](#)

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

SUBMIT

Committees Resources Contact

Copyright © 2021



# 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
- 💧 2022 Jackson, MS EMAC



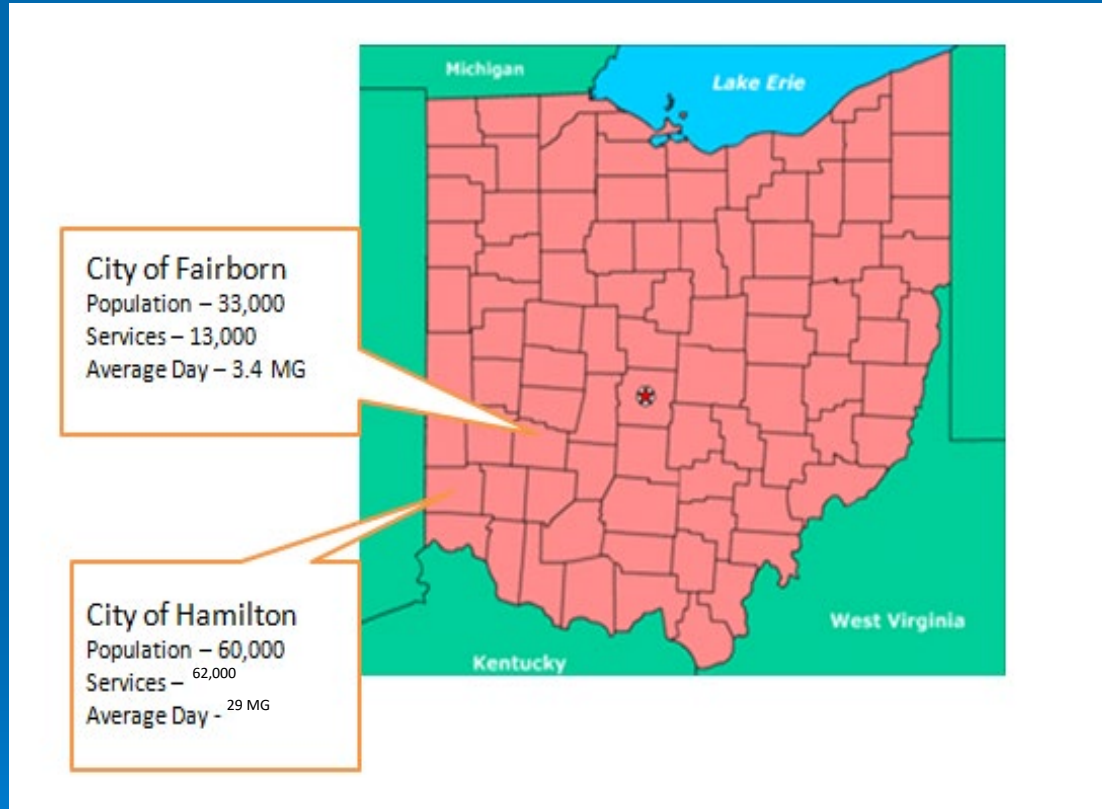


# OH WARN in Action

- “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

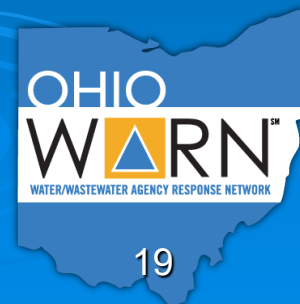
Good afternoon Randy,

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](mailto: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 INWARN, MIWARN, PAWARN, KYWARN, ILWARN, and National WARN.
- 💧 9:42 AM National WARN 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  
Gallipolis, OH 45631

Phone: 740.446.2489 (CITY)  
Fax: 740.441.2070

MAIL TO: P O BOX 339  
GALLIPOLIS, OH 45631-0339

Email: [citymanager@gallipoliscity.com](mailto:citymanager@gallipoliscity.com)  
Website: [www.cityofgallipolis.com](http://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 4<sup>th</sup> 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

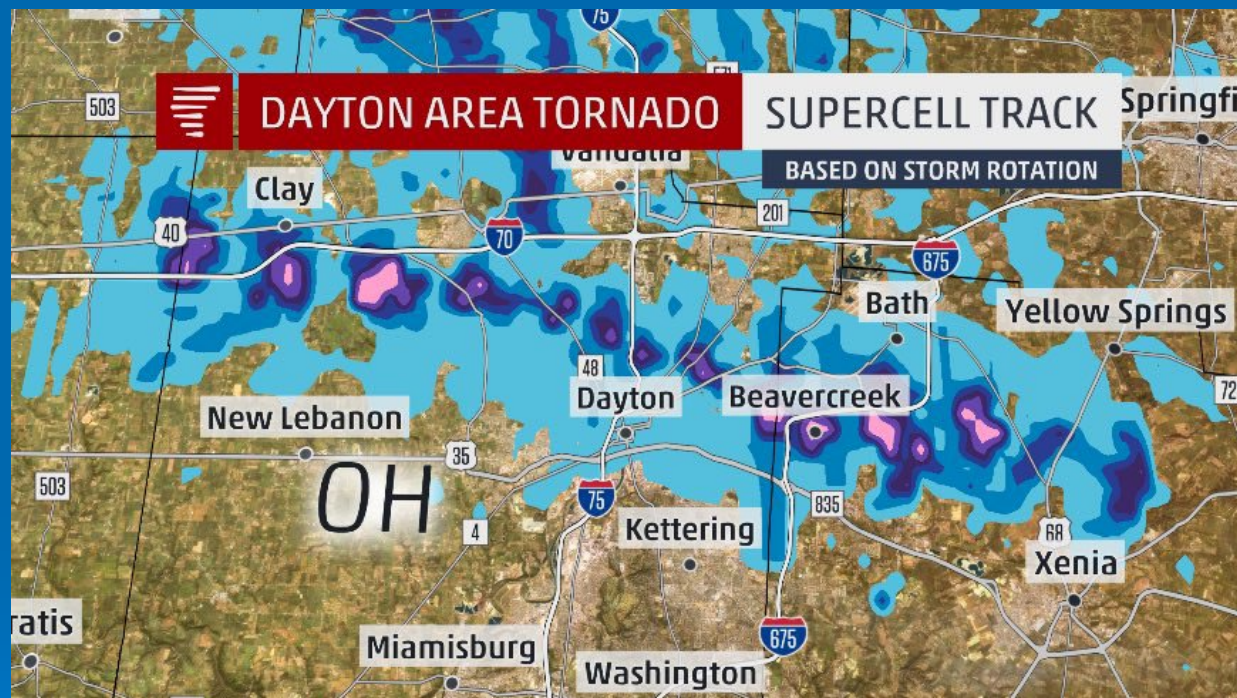
- 💧 8" Main Break
- 💧 Prevent depressurization
- 💧 Columbus dispatched
- 💧 Temporary repairs July 26
- 💧 Permanent repairs July 27



# 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



**OHWARN** The Ohio Water / Wastewater Agency Response Network  
"Utilities Helping Utilities" ZIP CODE SEARCH

Home My Profile Emergency Assistance Member Utilities Logout

## Emergency Assistance Notice

[Respond to this notice](#)

**Generators - City of Dayton** (Montgomery County, Region 4)  
Posted by Tim Truman on May 28 2019, 2:37 AM

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-██████████ or Tim Truman, 937-██████████

[List all active notices](#)

For more information, contact OHWARN at [info@ohwarn.org](mailto: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
- 💧 NEORS
- 💧 Northern Ohio Rural Water
- 💧 Toledo
- 💧 ORWA

***THANK YOU!***

# 2021 Cybersecurity

- 💧 DHS/CISA
- 💧 Solarwinds Hack
- 💧 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](mailto:michael.mcmasters@hq.dhs.gov)) or CSA ([terin.williams@cisa.dhs.gov](mailto: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

# 2022 Jackson, MS EMAC

## 💧 Failing WTP

- 💧 Inadequate AMP & funding
- 💧 Record rainfall
- 💧 Boil advisory

## 💧 GCWW sends team

- 💧 Assess equipment
- 💧 Prepare repair plan
- 💧 Assist in repairs



# 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



# Ohio WARN Steering Committee

Position	Name	Organization	Telephone	Email
Chair	Dana Moore	Wadsworth	330-335-2832	<a href="mailto:dmoore@wadsworthcity.org">dmoore@wadsworthcity.org</a>
Vice Chair	Tim Truman	City of Dayton	937-333-6048	<a href="mailto:tim.truman@daytonohio.gov">tim.truman@daytonohio.gov</a>
Secretary	John Corn	NEORS	216-641-3200	<a href="mailto:cornJ@neorsd.org">cornJ@neorsd.org</a>
NE District Coordinator	Becky Andrus	Cleveland	216-563-7866	<a href="mailto:becky_andrus@clevelandwater.com">becky_andrus@clevelandwater.com</a>
NW District Coordinator	Chuck Campbell	City of Toledo	419-466-6397	<a href="mailto:chuck.campbell@toledo.oh.gov">chuck.campbell@toledo.oh.gov</a>
SE District Coordinator	Christina Burden	Columbus Water	614-645-8508	<a href="mailto:ckburden@columbus.gov">ckburden@columbus.gov</a>
SW District Coordinator	James Blevins	City of Dayton	937-333-5119	<a href="mailto:james.blevins@daytonohio.gov">james.blevins@daytonohio.gov</a>



# Ohio WARN Advisors

Position	Name	Organization	Telephone	Email
Advisor 1	Joe Lawrie	Ohio RCAP	216-409-8081	<a href="mailto:jflawrie@glcap.org">jflawrie@glcap.org</a>
	Todd Brandenburg		937-216-8387	<a href="mailto:tarandenburg@glcap.org">tarandenburg@glcap.org</a>
Advisor 2	Mike Copeland	ORWA	740-260-6938	<a href="mailto:mike@ohioruralwater.org">mike@ohioruralwater.org</a>
Advisor 3	Carrie Winger	Ohio EPA	614-644-3497	<a href="mailto:carrie.winger@epa.ohio.gov">carrie.winger@epa.ohio.gov</a>
	Spencer Lydon			<a href="mailto:Spencer.lydon@epa.ohio.gov">Spencer.lydon@epa.ohio.gov</a>
Advisor 4	Nedra Elseser	Ohio DPS	614-799-3654	<a href="mailto:nhavens@dps.ohio.gov">nhavens@dps.ohio.gov</a>
	Jordan Sanderson			<a href="mailto:jmsanderson@dps.ohio.gov">jmsanderson@dps.ohio.gov</a>
Advisor 5	Danielle Kohan	ODH	614-644-6224	<a href="mailto:danielle.kohan@odh.ohio.gov">danielle.kohan@odh.ohio.gov</a>
Past Chair	Randy J. Gilbert	Greene County	937-562-7499	<a href="mailto:rgilbert@co.greene.oh.us">rgilbert@co.greene.oh.us</a>
Liaison	Lance Livesay	American Water		<a href="mailto:Lance.Livesay@amwater.com">Lance.Livesay@amwater.com</a>



# Contact Us

[OhWARN.org](http://OhWARN.org)  
[info@ohwarn.org](mailto:info@ohwarn.org)

Meetings:  
First Monday 10:30 AM via MS  
Teams

\*Contact us to send you an  
invitation

***Contact us if someone retires  
or leaves your organization!***

