



# STATE OF OHIO

## Emergency Operations Center

### SITUATION REPORT

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## MEMORANDUM

**TO:** Governor

**FROM:** Ohio Emergency Management Agency

**SUBJECT:** Toledo Water Issue (Lucas County)

**DATE:** August 3, 2014

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This is the Situation Report for August 3, 2014. This information is current as of 6:00 p.m.

### **INCIDENT SYNOPSIS**

#### **City of Toledo Water Emergency (Lucas County)**

Residents in and around the Toledo metropolitan area remain under an order to not drink or cook with water from municipal water supplies. The alert came after a dangerous toxin (microcystin) was discovered in two water samples taken at the Collins Park Water Treatment Plant in Toledo on the morning of August 2, 2014. Water coming from wells has been determined safe to drink. Many area businesses and public facilities have closed, including schools, restaurants, zoos, and libraries. The toxins are the result of a large bloom of algae in the western side of Lake Erie.

State and local elected leaders, emergency management, public safety, public works, environmental protection and public health agencies continue to assess the impacts to ensure adequate water and food for the impacted Ohioans. Information is shared as it becomes available and guidance and recommendations are adjusted based upon the information received.

### **EMERGENCY DECLARATIONS**

The Governor has declared a State of Emergency for Fulton, Lucas and Wood counties at 10:00 a.m. on August 2, 20134.

Emergency Declarations have also been issued by:

- Lucas County
- Wood County Commissioners
- City of Perrysburg
- Northwestern Water & Sewer District
- City of Rossford
- Village of Walbridge

## WEATHER & HYDROLOGY

TODAY: A mix of sun/clouds. Stray afternoon shower. High 84

TONIGHT: Skies clear out. Pleasant. Low 62

MONDAY: Mostly sunny, warmer. High 86.

A pretty nice ending to our weekend! We'll see some sunshine this afternoon, with temps topping out in the low-mid 80s.

There is a slight chance of a shower this afternoon for areas mainly east of I-71

### Toledo Area

TODAY: Warmer, partly cloudy. Summer-like. Highs mid 80s.

TONIGHT: Mild. Lows near 60.

MONDAY: Still warm. Highs mid 80s.

## COUNTY IMPACTS

### **Local Actions in Lucas County**

#### Toledo Distribution Points

- Resumed at 0800 hours on Sunday, August 3, 2014. Field operations will cease at 2000 hours tonight. The County EOC will cease operations approximately 1 to 2 hours later. The time for resuming operations in the morning has yet to be determined.

### **Local Actions in Wood County**

- Many big box retail stores were able to receive several shipments of bottled water in their locations among the affected area
- Wood County continues to operate one water distribution point in Rossford, Ohio.
- **Fire Jurisdictions** are working with Law Enforcement and local elected officials to assess need and determine potential points of distribution for bottled water. Fire Departments that have access to well water or public water from Oregon Water Treatment is providing it available to residents of their jurisdiction to fill their own containers.
- **Local law enforcement** and the Sheriff's department are available to assist with security and traffic control as needed.

- **Public Health Officials are:**
  - Advising local restaurants in the impacted areas to close. Many restaurants in the affected area have closed. The Health Department is encouraging that if the restaurant needs to open that they must use bottled water.
  - Have no nursing or medical facilities reporting needs.
  - Local hospital have reported a few cases of patients with intestinal issues but cannot confirm it is related to the water.
  
- **Northwestern Water & Sewer District (NWWSD):**
  - Affected jurisdictions
    - City of Perrysburg
    - City of Rossford
    - Village of Walbridge
  - Entered emergency mode at approximately 4:30am on August 2, 2014. At that time, they made contact with City of Toledo to confirm the presence of the toxin in the public water supply. At that time, NWWSD made notices to residents impacted and advised them that free water would be made available at their Water Shed locations listed on their website. The NWWSD closed valves from the City of Toledo and are currently working off of reserve water within Wood County. The NWWSD contracted with a supplier of bottled water and are making it available to the impacted jurisdictions for their residents (one case/family) at this time.
  - As of August 2, 2014 at approximately 1900 Hours the valves were opened to once again begin supplying public water as the county reserves were running extremely low. An additional temporary Water Shed location was established at Perrysburg High School in which residents can obtain water utilizing their own containers.
  - The NWWSD has contracted with bottled water suppliers to continue to deliver to the NWWSD as of this sit rep they have received additional deliveries of bottled water continuing through the day today. Local jurisdictions are responsible to pick up water from NWWSD for their area residents for distribution.
  
- **Points of Distribution:**
  - Rossford High School (Parking Lot)  
701 Superior St.  
Rossford, OH
  
  - Perrysburg Municipal Building (Open later today – pending arrival from Clark Co)  
11980 Roachton Road  
Perrysburg, OH

## STATE ASSISTANCE ACTIONS BY EMERGENCY SUPPORT FUNCTION

List actions and activities under the appropriate Emergency Support Function (ESF)

### ESF 1 – Transportation

- ODOT District 02 Lucas County Garage continues to stage water and redistribute to various areas.
- District 02 also has Dump Trucks with Trailers, Large and Small Forklifts, 3 Lowboy Trailers and Pallet Jacks to assist in loading and unloading.
- PUCO Intrastate Regulatory Relief from Hours-of-Service Requirements issued for transportation of water and other related emergency supplies and materials to the residences and businesses in Fulton, Lucas and Wood Counties. Issued August 2, 2014. This grant of regulatory relief is effective immediately and expires at 11:59 PM, August 9, 2014. Can be viewed on Miscellaneous Attachments Board in WebEOC.
- ODRC is transporting 8000 gallons of water from Clark County to Wood County. ODRC is sending two semi-trailers to Clark County for loading of the water.
- ODNR is staged at the Lucas County facility and prepared to transport water from Cleveland to Lucas County.
- OSHP is standing by for the next flight mission of water samples.

### ESF-2 - Communications

- No requests for communication assets “From the Safer Ohio Team in the Area”
- Ohio EMA incident specific web site has been activated.
- PIO has requested a Skype link.
- MARCS reports no unusual increase in network activity in the area and no issues with the state system.
- No missions have been assigned to ESF 2.
- ECOMM 13 has been assigned for use by assets in general for this incident as of 5:05 p. m. on August 2, 2014. This channel continues to be monitored by EOC personnel.

### ESF-3 – Engineering and Public Works

- ODNR is supporting ONG to provide water buffaloes for potable water distribution within Lucas County.
  - Total of 12 buffaloes were requested. There are 4 on site and 4 will be on site later today.
- ONG assisted in fulfilling water storage for distribution (Hippo) as well as portable treatment facilities (ROWPU – Reverse Osmosis Water Purification Unit).
- ODNR Division of Parks
  - Provided a tractor trailer with flatbed holding 4, 500 gallon water tanks with a 2000 gallon total capacity. The tractor trailer will be heading to the Cleveland municipal water at 955 Clague Road Westlake, OH . The tanks were filled, the vehicle has arrived at the staging area at the Lucas county ODOT district office in Maumee, OH.

- Maumee Bay state park office continues to offer water distribution to residents with small containers.
- Marry Jane Thurston state park office and campground will offer water distribution to residents with small containers.
- ODNR Division of Forestry
  - Provided the following:
    - 1-1000 gallon poly tank (potable)
    - 2- 500 gallon poly tank (potable)
    - 2-400 gallon water buffalo (potable)
  - These were filled before leaving the ODNR facility this morning. They are headed straight to the Lucas county ODOT district office. They have arrived and are distributing at the time of this report.

#### **ESF 4 – Firefighting**

- **Saturday August 2<sup>nd</sup> (Total Water Distributed during this period 57,800 Gal.)**
  - Tankers from the following fire departments supported operations last evening:
    - Allen-Clay – Ottawa County
    - Napoleon – Henry County
    - Deshler – Henry County
    - Sandusky Twp. – Sandusky County
    - Ridgeville Twp. – Henry County
    - Elmore-Harris – Ottawa County
    - Wauseon – Fulton County
    - Liberty-Center – Henry County
    - German Twp. – Fulton County
    - Carroll Twp. – Ottawa County
  - **Fill Sites:**
    - Salisbury Quarry (Maumee, OH):
      - Allen-Clay
      - Napoleon
      - Deshler
    - Olander Park: (Sylvania, OH)
      - Sandusky Township
      - Ridgeville Township
      - Harris-Elmore
      - Wauseon
      - Liberty Center
      - German Township
      - Carroll Township

- **Distribution Sites (Toledo, OH):**
  - Scott Park – Nebraska Avenue
    - Allen-Clay
    - Deshler
    - Sandusky Township
    - Napoleon
    - Ridgeville Township
  - Woodward High School – East Central Avenue
    - Elmore-Harris
    - Liberty Center
    - Wauseon
    - German Township
    - Carroll Township
  - Springfield Township High School – South McCord Road
    - Harris-Elmore
    - Napoleon
    - Deshler
    - Sandusky Township
    - Ridgeville Township
- **Sunday August 3<sup>rd</sup> (Total Water Distributed during this period 54,300 Gal.)**
  - Tankers from the following fire departments supported operations today:
    - Portage Fire District 6
      - Oak Harbor
      - Ottawa County
    - Lyons-Royalton
      - Fulton County
    - Damascus Township
      - Henry County
    - Catawba Island
      - Ottawa County
    - Marion Township
      - Hamler
      - Henry County
    - Erie Township
      - Ottawa County
    - Union Township
      - Mt. Cory
      - Hancock County
    - Wauseon
      - Fulton County
    - Ballville
      - Sandusky County

- Napoleon
  - Henry County
- Sandusky Township
  - Sandusky County

Arriving units are being directed to distribution sites based on need at the following locations:

- Scott Park – Nebraska Avenue
- Woodward High School – East Central Avenue
- Springfield High School – South McCord Road

Tanker trucks for water distribution will be shut down at 1900hrs tonight August 3rd with plans to resume at 0700hrs August 4th

As of 7:00 a.m. on August 3<sup>rd</sup>, the Ohio Fire Chiefs' Emergency Response plan delivered 57,800 gallons of water to the ROWPU sites.

As of 2:30 p.m. on August 3<sup>rd</sup>, they had delivered an additional 54,300 gallons of water to those same sites.

#### **ESF 5 – Information & Planning**

- Two Field Liaisons have arrived at Lucas County to provide assistance.
- A Field Liaison has arrived at Wood County to provide assistance.
- These personnel have provided situational information to the SEOC.
- OSP Intel has populated the Safer Ohio Repository with imagery
  - <http://services.dps.ohio.gov/SaferOhioRep>
- Since the onset of the incident, the State of Ohio has recognized the need for residences of Toledo that are affected by this crisis to have access to a water supply. Through a joint effort between multiple private sector partners, state agencies, and the Ohio National Guard, the State of Ohio has made a concerted effort to ensure the residents of Toledo have access to potable water.

#### **State**

State partners, including assets from the Ohio Department of Rehabilitation and Corrections and the Ohio Department of Natural Resources have provided over 30,000 gallons of water to points of distribution throughout the city of Toledo.

#### **National Guard**

Local fire department water tankers, activated by the Ohio Fire Response Plan (FRP), are working in concert with National Guard assets to assist in the purification and transportation of bulk water to points of distribution.

The Ohio National Guard has deployed 3 Reverse Osmosis Water Purification Units (ROWPU's), and approximately 15 water tankers to purify and transport potable water to points of distribution throughout the city of Toledo.

### Private Sector

Private sector entities, including Kroger, Walgreens, Reiter Dairy, Anheuser Busch, and CVS have donated over 100,000 gallons of water.

As of 1600hrs on August 3, 2014

Bulk Water	112,100 gallons
Bottled Water	100,000
Bladdered Water	25,000 gallons
<b>Total</b>	<b>237,100</b>

### ESF 6 – Mass Care

- Anheuser-Busch agreed to provide a supply of water
  - 1st Anheuser-Busch truck (4,851 gallons) of canned water has left their facility with an ETA into Toledo of Noon on Monday, August 4, 2014.
- Aging continuing outreach to long term care providers and health care facilities to ensure needs are met.
- Meals on Wheels and other meal delivery services are standing by to assist with delivery of water and supplies to homebound population.
- ARC delivered water to approximately 900 homes on Saturday and will continue water delivery effort while supply remains.
- ESF-6 will work with ESF-7 personnel to identify affected and homebound population.
- DAS has purchased 10K heater meals for Toledo and 10,616 MREs are also available for the affected population. The MREs are staged at Lucas County ODOT.
- Red Cross and Department of Aging has had a great deal of success with getting water out to the homebound clients.
- Red Cross is requesting citizens to call 211 as this is the primary call center phone number for this incident/event.
- Salvation Army is preparing meals for workers/volunteers at 3 locations. No needs or requests for mass feeding, at this time.

### ESF 7 – Resource Support

- Bowling Green State University is available as a staging area if needed.
- FEMA V Logistics is sending Support Cache (7 vehicles) to Tall Timbers in Findlay
  - This is a prepositioning action (leaning forward step)
- Since 0800 hours (8/3/14) ESF-7 has worked on three missions:
  - Fulton County 10 pallets of water (completed).
  - Fulton County 10 pallets of water (2nd request).
  - Lucas County mission for water has a daily haul has been set up and will be continued until needs changes.
  - ESF-7 is looking at long term sustainment of 390,000 gallons of water per day.
  - ESF-7 is resourcing for ongoing product donations through our Public Private Partnership in addition to purchased supplies by DAS.

## ESF-8 – Public Health and Medical Services

- General Items
  - ODH, EMA, ONG and others had a call with West Virginia regarding lessons they learned during a water event in their jurisdiction.
  - August 3, 1400 hours, ODH held a call between ODH, CDC officials, ONG, EMA and local partners on all received guidance so far, clarified any questions and developed list of pending issues. This was a very productive and useful call.
  
- Water Safety Questions - General
  - Standard recommendations about flushing toxins from household water pipes apply to water heaters and household systems in this situation.
  
  - Individuals working for prolonged periods in steam generated from this water are safe but aerosolized water is a hazard.
  
  - Per CDC, dialysis centers can resume operations if they are treating water through reverse osmosis before it goes into the dialysis machine and they have tested that water for safety. This will remove all toxins before it is used for dialysis.
  
- Hospital Issues
  - 6 Hospitals Impacted by Water:
    - ProMedica Toledo/Toledo Childrens
    - ProMedica Flower
    - ProMedica St. Luke's
    - UTMC
    - Mercy St. Anne
    - Mercy St. Vincent Medical Center
  
  - LHD continues to direct that elective surgeries are not to resume until the water is given the ALL CLEAR.
  - LHD will be directing that dental practices cannot operate if they use tap water in their practices.
  - LHD are also developing guidance for family medicine practices and others.
  - ODH will be assisting with the development of messaging on these points.
  
- Food Service Issues
  - LHD is directing that water can't be used in food production.
  - ODH is working with the LHD on messaging, as well as determining food service guidance for congregate care facilities, such as LTC, developmental disabilities, prisons, etc.
  - ODH is working with LHD to develop plans for the inspection of restaurants during the events and as we move into a recovery mode.

- Baby Formula
  - ODH contacted HD and WIC staff to provide formula preparation information for the general public and instructions for WIC participants to be included in media notifications.
  - Starting Monday the WIC clinics will issue food instruments for ready to feed formula for the month of August.
  - Have contacted WIC contracted grocers in Lucas Co., Ohio Grocers Assn. and Abbott Nutritionals to inform them of the increased demand for ready to feed formula.
- Health Surveillance
  - Elevated ED visits and symptoms related to the event, including vomiting , general gastrointestinal symptoms, and diarrhea.

#### **ESF-10 – Hazardous Materials**

- The Ohio EPA continues on-going communications with the specific testing labs and representatives from USEPA. These on-going efforts seek to verify current testing results for decision-making purposes. Updates will be provided to all involved parties when available.

#### **ESF 13 – Law Enforcement**

- OSHP provided escort for Ohio National Guard water transportation convoys.
- OSHP air assets continue to transport water samples to various laboratories for analysis
- OSHP units in the Toledo area are assisting with security efforts at water distribution points.

#### **ESF 15 – Emergency Public Information and External Affairs**

- The JIC continues to field media calls and provide interviews regarding the state's overall response and support of the water emergency.
- The Governor participated in a joint press conference with the Mayor of Toledo.
- The JIC will promote 211 as a resource for residents on social media.
- The ESF 6 Feeding Taskforce did recommend working through Public/Private Partnership to push alternative ideas for cooking within grocery stores.

### **Ohio National Guard**

- Three (3) water purification units have been deployed and are operational
  - 33,000 gallons of water have been purified as of 0515 hours on August 3, 2014
- Two (2) Hippos have been staged at the staging area in Maumee
- Four (4) water buffaloes have been staged at the staging area in Maumee
  - 1,600 gallons of water total
- 10 vehicles with a total of 6,300 cases of water at the staging area in Maumee
- Five (5) vehicles with a total of 2,574 cases of water and 693 MRE cases at the staging area in Maumee
- Eight (8) additional water buffaloes are scheduled for arrival at the staging area in Maumee at 0800 on Sunday, August 3, 2014
- 14 additional Hippos are being prepped

### **Federal**

- FEMA Region V provided a GIS map to the state of the various water distribution points in the affected counties.

### **Miscellaneous**

- Delaware County has offered assistance if needed. The POC for Delaware County is Sean Miller, (740) 833-2180.
- An Algae Fact Sheet from the National Oceanic and Atmospheric Administration (NOAA) was received and posted to the Miscellaneous Attachments Board in WebEOC.
- A situation report (SitRep) was received from Lucas County and posted to the Miscellaneous Attachments Board in WebEOC.
- Cuyahoga County has offered assistance if needed. POC information: Ron James, (216) 443-3197 (Office) or (216) 479-9284 (Mobile).

### **SITREP DATA/BRIEFING**

This is the First Situation Report for this incident. Spot Reports and other reports have been issued and are available on WebEOC.

The next Situation Briefing will be at 9:00 AM on Monday August 4, 2014.

### **HOURS OF OPERATION**

The State EOC will maintain 24 hour staffing until further notice.