

# Greene County Public Health Response to Memorial Day Tornado May 27, 2019



**Beavercreek City and Township were struck by an EF-3 tornado on Monday, May 27, 2019 at 11:12 pm.**

**Greene County Public Health responded in many ways.**

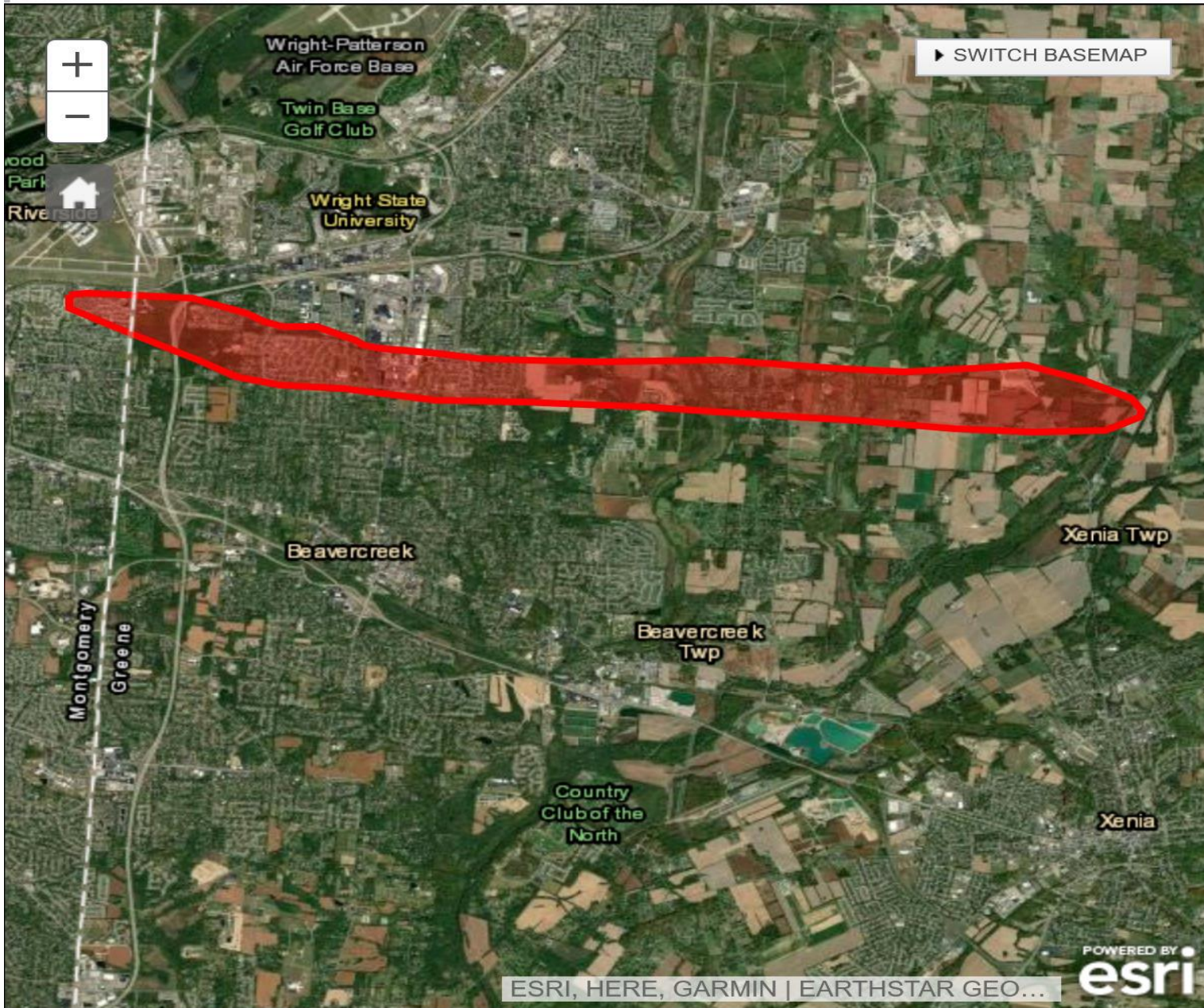
**Mark R. Isaacson, R.S.**

**Program Manager, GCPH**



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# Path of Tornado

## 14 miles from I-675 east to US 68 North

44 Buildings destroyed  
164 with Major damage  
346 with Minor damage  
595 were Affected  
Electricity Out  
Major tree and  
brush damage



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# Previous Greene County Disaster Response



TORNADO PATH OF DESTRUCTION - XENIA, O. TO UNIVERSITY AREAS - USAF PHOTO 4 APRIL 1974

— APPROX ONE MILE —

April 4, 1974 F5 Tornado Heavily Damaged Xenia



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# Previous Greene County Disaster Response



September 2000 F4 Tornado Heavily Damaged Xenia & Fairgrounds

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# Aerial Photo of Beavercreek Neighborhood-Common Problems



- Solid Waste Debris
- Demolition Debris
- Tree and Brush Debris & Disposal
- Lack of Electricity and Water
- Downed Power Lines



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# Disaster Response Requires Agency Cooperation

Incident Command System-Which Agency will be in charge  
Health Department-Food Safety, Housing, Well Water, Solid Waste  
Police & Fire Departments-Safety, Injury Response, Crowd Control  
City, Township, Government Officials-Declare State of Emergency  
Public Utilities-Water, Sewer, Electricity, Gas, Streets & Roads  
Building Regulation-Damage Assessments, Demolition & Repair  
EPA-Solid Waste Regulation Support-Debris Management

**Agencies work together to support & help one another**



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# Debris Management Decisions



**Solid Waste to Landfill**

**Demolition Debris to  
Demolition Debris Landfill**

**Recyclable Material to a  
Scrap Yard**

**Asbestos Containing  
Material Properly Labeled  
and Disposed Of**

**No Onsite Burial  
Permitted**



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# Damage Assessments, Building Inspections, Press Releases for Information

## Tornado Damage Assessment Form

Date: \_\_\_\_\_ Sanitarian: \_\_\_\_\_ PIC: \_\_\_\_\_

Facility: \_\_\_\_\_ Address: \_\_\_\_\_

Phone Number: \_\_\_\_\_ Email: \_\_\_\_\_

Is this facility closed? Y N Does this facility have visible damage? Y N Did facility lose power? Y N

Describe Damage: \_\_\_\_\_

What time did you arrive at facility? \_\_\_\_\_ Was electricity back on? Y N

What did you do with the perishable, frozen or refrigerated food? \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Do you have a contingency or back up plan for power outages? \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**The perishable, frozen or refrigerated food at this facility is no longer acceptable and must be discarded. Will you complete a voluntary destruction food list for insurance purposes and forward this food list to Greene County Public Health. Y N**

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

Sanitarian: \_\_\_\_\_

Phone number & Email address: \_\_\_\_\_

Greene County Environmental Services

## Press Release

FOR IMMEDIATE RELEASE

May 31, 2019

CONTACT PERSON

Environmental Services Office  
937-562-5925

### NATURAL YARD WASTE, CONSTRUCTION DEBRIS, AND TRASH DROP-OFF

Greene County Environmental Services is accepting organic yard waste from Greene County residents. Environmental Services is located at 2145 Greene Way Blvd. Xenia. Operating hours when residents can drop-off yard waste are Monday – Thursday 10:00 am - 8:00 pm, Friday 10:00 am – 6:00 pm; Saturday 9:00 am – 6:00 pm; Sunday 10:00 am – 6:00 pm. Phone contact is 937-562-5925 or visit [www.co.greene.oh.us/recycle](http://www.co.greene.oh.us/recycle).

Montgomery County Transfer Facility will allow Greene County residents to drop-off yard waste. The address is 1001 Encrete Lane, Moraine. The facility is open Monday – Friday 6:00 am to 8:00 pm and Saturday 8:00 am – 6:00 pm; Sunday 8:00 am – 6:00 pm. Phone contact is 937-225-4999 or visit [www.mcsed.org](http://www.mcsed.org).

At Greene and Montgomery Counties, residents may drop-off yard waste that is brush or firewood size. Maximum size of the brush is 4 inches in diameter and 8 foot long. Firewood maximum size is 14 inches in diameter and 18 inches long. There is no charge.

Private compost facilities will accept organic yard waste at standard charges. The operations are Dean's Eco Green, 1290 E. Dayton Yellow Springs Road, Fairborn - 937-608-8010 and Tom's Mulch, 2113 Ferry Road, Bellbrook – 937-848-3422.

Construction and demolition debris can be taken to Xenia Demolition Landfill. The address is 610 Dayton-Xenia Road, Xenia. The phone number is 937-372-2978. There is a charge.

Household trash plus construction and demolition debris will be accepted at the Montgomery County Transfer Facility for a fee.

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# Tree and Brush Debris Cleanup and Removal



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# Tree Debris Cleanup-Homeowner and Bunyan Company Work Together



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# Tree and Brush Removal and Storage



Tree & Brush Debris  
Environmental Services

Land-Xenia



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# Cemex Park Second Area for Tree Debris



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# Brush Piles Were Mulched & Distributed



**Mulching Debris to Wood Chips, Loading Wood Chips into Trailer  
Transported to Compost Facility for Distribution as Mulch**



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# Recovery Process will be Extensive



**10 Major High Tension Power Line Towers were Destroyed by the Tornado.**

**Power Lines went right through a large neighborhood**

**Temporary poles were set to support the wires**

**New permanent poles will take 12-18 months to build and install**



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# Final Thoughts

Develop a Debris or Disaster Management Plan-Understand the Concepts and Use It  
Ask for Help-EPA, other Health Departments, County Agencies, Solid Waste Industry  
Think Outside the Box if Necessary, Don't be afraid to try different ideas and plans  
Listen to all inputs and make the best decision based on facts and knowledge  
Keep good records for the next time-There Will Be a Next Time!

**Mark R. Isaacson, R.S.**

**Program Manager, Greene County Public Health**

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