

# STREAMSIDE FIELD DAY

A Regional Success Story.  
You can be one too!

City of Bowling Green and Warren County

MATT POWELL

COURTENAY HOWELL



**STREAMSIDE  
FIELD DAY**  
february 4th

# HUMBLE BEGINNINGS



In 2015 we partnered with the Academy at Drakes Creek with a small group.

Intensive Class Visits

Field Trips

# RAPIDLY SCALING UP



Our very next event was with 300 sixth graders over three days.

Logistical Surprises Abound!

Do you know what school busses cost?

# GOALS

Educational



Interactive



Hands On



Fun



# WE NEEDED HELP!



## Fantastic Teachers and Where to Find Them

- Churches
- High School
- Family
- Civic Groups
- Social Media

# LOCATION



## Needs:

- Shallow & Slow Water
- Open Space
- Parking
- Bathrooms
- Trashcans

# LIGHTEN THE BURDEN

## PARTNERSHIPS

- Division of Water
- Western Kentucky University
- Department of Fish and Wildlife
- Operation Pride
- BGMU
- UK Cooperative Extension Office
- Warren County Conservation District
- Domino's Pizza
- Blue Moon
- Warren County Parks & Recreation
- Bowling Green Neighborhood & Community Services
- Scott Waste Management





# WILDLIFE INDICATORS

## Fish & Big Critters



## Benthic Macroinvertebrates



# MEASURABLE WATER QUALITY



- pH
- Turbidity
- Temperature
- Dissolved O<sub>2</sub>
- What human activities have positive or detrimental impacts?
- Big emphasis on sediments.





# LANDSCAPE LESSONS

## Agriculture & Soil



## Karst Geology



# POTW & MS4 IMPACTS

## Water & Wastewater



## Stormwater Runoff



# HAVE FUN WITH IT!!

Karst Squeeze Box



Wildlife Guys Get All the Glory!



# SPREADING THE WORD

- We don't have to go find partners anymore, now they come looking for us.





# DETAILS

- Wristbands
- Nametags
- T-Shirts
- Station Markers
- Tents/Chairs/Tables
- Hospitality
- Volunteers





# TELL THE WORLD...



- Social Media Outreach
  - Live Tweet
  - Hashtags:
    - #EnvironmentalFieldDay
    - #TommytheTurtle
    - #KeepItCleanBG
    - #TakePride
  - @YourPartners
  - Post Group Photos
  - Present at Professional Conferences

FIN

