

2014 NWQM Conference Potential Field Trips

1. Green Bus Tour - Cincinnati Metropolitan Sewer District (10 min)
 - a. Tour of the largest CSO in Hamilton Co, OH and 5 Low Impact Development projects.
 - i. CSO #5 on Mill Creek
 - ii. St Francis Court Apartments
 1. Reuse of previously unused parking lots
 2. USEPA, Ohio EPA, & USGS maintain a weather station and monitor flows
 - iii. San Antonio Church
 1. Retrofit of deteriorated asphalt parking lot
 - iv. Washington Park
 1. City-owned park with dry wells and a 111,000 sq ft green roof on top of an underground parking garage
 - v. Civic Garden Center's Green Learning Station
 1. Educates visitors about sustainable stormwater infrastructure
 - vi. Cincinnati State & Technical Community College
 1. Tour of various sustainable infrastructure technologies on campus
 - b. Contact: MaryLynn Lodor, MSD Environmental Program Manager
Phone: 513-244-5535
Email: MSD.Communications@cincinnati-oh.gov or MaryLynn.Lodor@cincinnati-oh.gov
 - c. Could be a fee for the tour?
2. USGS Stream Gage at Dry Creek in Erlanger, KY (15 min)
 - a. Has more instrumentation than a typical gage
 - b. Northern Kentucky Sanitation District #1 collects air & water samples at the site as well
 - c. Contact: Mike Griffin
3. East Fork/Harsha Lake (40 min)
 - a. USGS beach health site – modeling to predict beach health
 - b. USEPA and UC have a watershed group doing monitoring
 - c. Harmful Algal Blooms have been a problem in the lake
 - d. Need to confirm regatta schedule, which appears to be April 12th
 - e. Contact: Dick Bartz, USGS
4. Kayak Trip(s)
 - a. Ohio River
 - i. Contact: Brewster Rhodes
 - b. Mill Creek
 - i. Contact: Mike Miller, UC
5. Greater Cincinnati Water Works (15 min)
 - a. GCWW serves about 1.1 million people in the Cincinnati area. About 900,000 of those people are served by Richard Miller Treatment Plant (RMTP) which draws water from the Ohio River. GCWW relies heavily on multiple types of analytical & monitoring equipment to evaluate source water, various stages in the treatment process & water quality in the distribution system. This tour shows the overall treatment process at the RMTP (including Granular Activated Carbon and Ultraviolet Disinfection), and how monitors & analytical equipment are used to ensure the drinking water is safe from the source to the tap.
 - b. Contact : Bruce Whitteberry, GCWW
6. Green Umbrella
 - a. <http://www.greenumbrella.org/>
 - b. Need to see if they offer any types of field trips or tours
 - c. Contact: Heather Mayfield, FORE
7. Cincinnati Convention Center
 - a. Tour discussing retrofitting older hotels with green infrastructure
 - b. Contact: Peter Tennant, ORSANCO
8. Thomas More College Biology Field Station (25 minutes)
 - a. <http://www.thomasmore.edu/fieldstation/>

- b. Situated on the Ohio River upstream of Cincinnati at an old lock & dam facility
 - c. Brand new conference center/ dorms
 - d. Newly renovated wet lab & classroom
 - e. Several on-going projects of interest to conference attendees
 - f. Could tie in with boat electrofishing demonstration
 - g. Contact: Chris Lorentz, TMC
9. Northern Kentucky Sanitation District #1 building tour (15 min)
- a. http://www.sd1.org/Education/Field_Trips_and_Tours.aspx
 - b. Great tour highlighting a variety of green infrastructure techniques applied to their building, parking lot, and surrounding area
 - c. Contact: Mindy Scott, SD1
10. Northern Kentucky Sanitation District #1 Green Infrastructure projects (10 min)
- a. http://www.sd1.org/Education/Field_Trips_and_Tours.aspx
 - b. St Elizabeth Hospital (Covington, KY) retention pond & I-75 hillside modification
 - c. Retrofitting of several retention ponds in the area with modified release equipment
 - d. Contact: Mindy Scott, SD1
11. Museum of Natural History lab on Gest St (5 min)
- a. Pretty interesting look behind the scenes of the Natural History Museum displays
 - b. Many artifacts and plant and animal specimen collections that are used for scientific study or display at the main museum at Union Terminal
 - c. State of the Art labs, including a very nice genetics lab
 - d. Contact: Herb Mays, CMNH
12. Boat electrofishing demonstration along Serpentine Wall (downtown Cincy) (5 min)
- a. Plenty of visibility from the shoreline for observing
 - b. Could allow folks to participate on the boats
 - c. Could be done at night-time, which typically provides greater catch rates
 - d. Contact: Jeff Thomas, ORSANCO
13. USEPA Experimental Stream Facility in Newtown, OH (30 min?)
- a. <http://www.epa.gov/nrmrl/wswrd/wq/esf/esf.html>
 - b. allows EPA to collect and analyze data on in-stream process-level biological, chemical, and physical interactions
 - c. Contact: Jim Lazorchak, USEPA Cincy
14. Licking River at Butler, KY riffle (40 min)
- a. Large, easily accessible riffle area with incredible biological diversity
 - i. Good fish populations with many darter species (Tippecanoe, bluebreast, etc)
 - ii. Excellent mussel bed with strong population of the federally endangered Fanshell Mussel
 - iii. ORSANCO, TMC, SD1 could conduct backpack electrofishing & bag-seine demonstrations
 - iv. Definitely weather & flows dependent
 - v. Contact: Jeff Thomas, ORSANCO
15. Tour of Great American Ballpark, home of MLB's Cincinnati Reds (5 min)
- a. Contact: Peter Tennant
16. Newport Aquarium behind the scenes tour (5 min)
- a. Contact: Chris Lorentz