

Arizona Rivers Workshop - DRAFT
Sep 26-28, 2008; ASTA Meeting, Mesa, AZ
Riparian Institute; 2757 E. Guadalupe, Gilbert, AZ

1. Friday, Sep. 26 – ASTA Meeting

8:30-1:30 Register/check-in w/ ASTA
(ASTA requires separate registration)

- 2-4 ASTA hands-on workshop
2:00 Overview of AZrivers program
2:15 Field methods briefing –
Intro. to riparian monitoring
- Physical Sci. -Water Quality
 - Life Sci. – Macro Invertebrates
- 2:45 Group rotations
- WQ testing
 - Macro sorting activity
- 3:25 Data analysis
3:45 Questions and Prep for bird walk
4:00 Intro. Session ends
Dinner on your own

2. Sat, Sep. 27 – Riparian Institute

- 7:00 Meet in parking lot E of library
for bird walk,
Life Sci. in the field – Bird Walk
(Marion Saffell, Desert Rivers
Audubon)
- 8:45 Group introductions
9:00 Riparian Issues (JW)
9:25 Basic field issues & activities
- Why we need protocols? Temp.
 - Where are we? GPS (JW)
- 10:45 More water quality monitoring
- Physical Sci - WQ calibration
- 12:00 Lunch (provided)
1:00 GLOBE background (MPLW)
1:30 GLOBE data entry demo (JW)
2:15 Field methods briefing
- Life Sci. – Ecologic Sampling
(Phil Pepe & Elena Ortiz, PC)
 - Riparian Plant ID
 - Plant Biodiversity index
 - Bird ID/calls (MW)
- 4:30 Field Preparation

3. Sun, Sep. 28 – Riparian Institute

- Hotel check out
8:00 Meet at outdoor ramadas
8:00-11:00 Riparian Institute fieldwork
- Life Sci. in the field –
Plants (PC)
 - Macros MPLW & Eric Proctor,
AZ Game & Fish)
 - Physical Sci. in the field -
Water Quality (JM & JW)
- 11:00 Looking at the data
12:00 Lunch (provided)
1:00 Classroom issues (JM)
- Classroom implementation
 - Promoting student inquiry
- 2:00 Implementation (JM)
- Project discussion (all)
 - Project & Research ideas
 - Connecting with Mentors
- 3:30 Evaluation & Graduation
4:00 End Teachers workshop

Orange – Science as Inquiry
Green – Life Science
Blue – Physical Science