

Agenda

Stream Management Workshop
Springbrook Conservation Education Center
July 7-9, 2009

Tuesday – July 7, 2009

- 9:00 Check-in/Registration (**Don Sievers**)
- 9:30 Welcome
- 9:45 Introduction (workshop goals and objectives, historical perspective)

Part I: How Streams Work

- 10:00 Iowa's Streams & Rivers: A Landscape Perspective (**Keith Schilling**)
- 10:40 Break
- 11:00 Watershed Principles (geology, hydrology, landform, soils, watershed morphology and mapping) (**Keith Schilling**)
- 12:00 Lunch
- 12:45 Stream primary components (water, energy, sediment, vegetation) (**Dick Schultz**)
- 2:15 Hydro-connectivity (channels) (**Greg Simmons**)
- 3:00 Break
- 3:15 Hydro-Connectivity (floodplains, riparian corridors) (**Greg Gelwicks**)
- 4:00 Networking/Social
- 5:30 Dinner (fish fry)

Wednesday – July 8, 2009

- 7:00 Breakfast

Part II: Stream Ecology

- 8:00 Stream Ecology (**Tom Isenhardt**)
- 9:00 Prepare to go to the field
- 9:15 Depart for Field Session – Stream biota and habitat (**Tom Isenhardt**)
- 11:00 Water quality monitoring and assessment (**Tom Wilton**)
- 12:00 Lunch (in the field)

Wednesday – July 8, 2009 (cont.)

- 12:30 Stream Visual Assessment (**Tom Isenhardt**) (possibly conduct in several locations and use to compare streams on and off the lobe – possibly use Brushy Creek and Seely Creek in addition to past site)
- 4:00 Review SVAP findings back at Springbrook using the outdoor seating ring
- 6:00 Dinner

Part III: Solving Stream Problems

- 6:45 After dinner skit (**Becky Ohrtman**)

Thursday, July 9, 2009

- 7:00 Breakfast & Move Out of Dorms
- 8:00 State and Federal Conservation Programs (**Kevin Kuhn, Bob Waters, Becky Ohrtman**)
- 8:30 Social Sciences of Improving Streams (**Jessie Brown**)
- 9:00 In-stream Habitat Rehabilitation (**Bill Kalishek**)
- 9:30 Stream Corridor Rehabilitation (riparian buffer strips, streambank stabilization, wetland construction/restoration) (**Dick Schultz**)
- 10:00 Break
- 10:15 Develop Watershed Project (an indoor project using aerials with overlays and different problems identified and different landowner objectives that attendees will address and develop a conceptual conservation plan) (**Dick Schultz, Keith Schilling**)
- 11:15 Develop Watershed Reports (**Dick Schultz**)
- 12:00 Lunch (in the field)
- 12:45 Continue development of project
- 1:30 Present & discuss project plans
- 2:00 Workshop Summary/Evaluation
- 3:00 Adjourn