

# RIPARIAN RESTORATION WORKSHOP TEMPLATE

## DAY 1

**Location: University campus classroom, city or county facility, or other conference facility**

### **8:00 Coffee/tea/pastries**

**8:30 – 9:00** Welcome, introductions/icebreakers, review of schedule, distribute binders of materials

- Packet (binder): Selected readings, list of references for further reading, 5-day agenda, handout of safety/conduct expectations, journals

**9:00 – 10:00 Topic #1:** Background on the scientific need for ecosystem restoration and biodiversity

### **10:00 – 10:15 Break**

**10:15 – 11:15 Topic #2:** Overview of the Restoration Process

**11:15 – 12:00 Topic #3:** Regulatory Compliance and Permitting

### **12 noon – 12:45 Lunch on-site**

**1:00 – 1:15** “Expectations for Conduct and Safety”, when & where to meet on Sunday morning, opportunity for last minute questions on what to bring, etc. (Crew Foreman)

**1:15 – 2:00 Topic #4:** Plant ID Crash Course

**2:00 – 3:30 Topic #5:** Herbicide (Garlon) Safety and Application (State Department of Agriculture representative, or State Cooperative Extension Agent)

- Demo outside with Dept Ag equipment

### **3:30 – 3:45 Break**

**3:45 – 5:00** State Department of Agriculture certification test

**5:00 pm - Processing exams, Certification cards for those who passed (?) for distribution on Day 2. Have course completion certificates printed and ready to go.**

## DAY 2

**Location: Base camp or staging area, and restoration site(s)**

**AM: Travel to restoration site.**

**10:00 – 12:00 Participants and Instructors meet at restoration site. Boat transportation for people and gear to base camp/restoration site if necessary. (if restoration site is not road accessible)**

**10:00 – 12:00 Topic #6:** Introduction to riparian areas of this watershed, past and present management, management challenges, and overview of what we'll be working on.

### **12:00 – 12:45 Lunch**

Lunch Topic: Introductions of Camp Crew, Boat Crew, Fire/Chainsaw Crew, and overview of camp etiquette

Toilets/showers/quiet hours

Leave no trace skills

**1:00 – 2:00 Topic #7:** Chainsaw safety, clearing woody biomass, and demos

**2:00 – 3:00 Topic #8:** Demonstration of backcountry Garlon application, safety, and transportation/handling

Include demonstration of herbicide wash station/shower

**3:00 – 5:30** Work Session 1 - Tamarisk control

**5:30 – 6:00** Clean up work site and equipment, wash up.

### **6:00 – 7:00 Dinner**

Dinner Topic: Welcome and "The Importance of Your Work Here" (Representative from land management agency/organization responsible for the area where the restoration work is being done)

**8:00 – 9:00** Evening Campfire Presentation 1: Regional history, folklore, legends. (Local historian?)

- S'mores, cocoa/cider, announcements for Day 3

### **9:00 – 9:15 WORKSHOP LEADERS MEETING**

(Crew Foreman, Camp Crew leader, Boat Crew leader, Fire/Chainsaw Crew Leader, Instructors, etc.)

- Logistics and schedule for Day 3
- Who needs to be where, when, and who is their backup
- What's going well?
- Any Problems/Concerns that need to be addressed

## **DAY 3**

**Location: Base camp or staging area, and restoration site(s)**

**7:30 – 8:30 Breakfast and Announcements**

**8:30 – 9:00 Hike to restoration site** (*Bring coolers with sack lunches and drinks*)

**9:00 – 12:00** Work Session 2 - Fire Crew cuts and participants clear and treat stumps.

**12:00 – 12:45 Sack lunches**

**1:00 – 2:30 Topic #9:** Sustainable native seed and pole collection- Why, Where, When, & How

**2:30 – 5:00** Work Session 3 - Fire Crew cuts and participants clear and treat stumps.

**5:00 – 5:15** Clean up work site and equipment, wash up.

**5:00 – 6:00 Hike back to camp.**

**6:00 – 7:00 Dinner**

**8:00 – 9:00** Evening Campfire Presentation 2: Native American speaker (ITEP? NPS?): Original inhabitants of restoration site(s) and significance of the sites and natural resources

- S'mores, cocoa/cider, announcements for Day 4

### **9:00 – 9:15 WORKSHOP LEADERS MEETING**

(Crew Foreman, Camp Crew leader, Boat Crew leader, Fire/Chainsaw Crew Leader, Instructors, etc.)

- Logistics and schedule for Day 3
- Who needs to be where, when, and who is their backup
- What's going well?
- Any Problems/Concerns that need to be addressed

## **DAY 4**

**Location: Base camp or staging area, and restoration site(s)**

**7:30 – 8:30 Breakfast and Announcements**

**8:30 – 9:00 Hike to restoration site** (*Bring coolers with sack lunches and drinks*)

**9:00 – 10:00 Topic #10:** (on-site) Characteristics and restoration potential of specific workshop restoration sites.

**10:00 – 12:00** Work Session 4 - Fire Crew cuts and participants clear and treat stumps.

**12:00 – 12:45 Sack lunches**

**1:00 – 3:00** Work Session 5 - Fire Crew cuts and participants clear and treat stumps.

**3:00 – 3:30 Hike back to camp.**

**3:30 – 5:30 Topic #11:** Revegetation with hands-on demos (John Taylor)

- Planting techniques, how to plant willow, cottonwood, plugs vs. cuttings, etc.
- Cages
- Irrigation

**5:30 – 6:00** Clean up, wash up.

**6:00 – 7:00 Dinner**

**8:00 – 9:00** Evening Campfire Presentation 3: Regional Geology? Regional Nocturnal Animals?

- S'mores, cocoa/cider, announcements for Day 5

### **9:00 – 9:15 WORKSHOP LEADERS MEETING**

(Crew Foreman, Camp Crew leader, Boat Crew leader, Fire/Chainsaw Crew Leader, Instructors, etc.)

- Logistics and schedule for Day 3
- Who needs to be where, when, and who is their backup
- What's going well?
- Any Problems/Concerns that need to be addressed

## **DAY 5**

**Location: Base camp or staging area, and restoration site(s)**

**7:30 – 8:30 Breakfast and Announcements. Pack bags and carry out for transport home.**

**8:30 – 9:00** Hike to restoration site (Bring coolers with sack lunches and drinks)

**9:00 – 12:00** Work Session 6 - Revegetation at restoration site.

**12:00 – 12:45 Sack lunches**

**1:00 – 2:00 Topic #12:** Leadership Skills and Careers in the National Park Service

**\*If a past restoration work has been completed or is on-going**

**2:00 – 5:00 Topic #13:** Tour of Past Restoration Project Site - Survivorship, Mortality, What Worked, What Didn't, and Why

**5:00 – 6:00 Dinner BBQ**

Dinner Topic: Awards/Certificates, Thanks, and debriefing. Participants fill out course evaluations.

**6:00 Load busses and travel home.**

### **Post Workshop: WORKSHOP LEADER'S Post-Workshop Audio**

(Sponsor organizations, Crew Foreman, Camp Crew leader, Boat Crew leader, Fire/Chainsaw Crew Leader, Instructors, etc.)

- Sharing of feedback from course evaluations
- What went well
- What needs improvement
- Suggestions for next workshop
- Documenting (photos, video, narratives, and outputs/outcomes for PR)