

# Landowner Project Worksheet



Date:

Name:

Contact Info:

Address:

- What are your main resource concerns for your project?
  - Invasive weeds present
  - Lack of wildlife/native habitat
  - Soil erosion/bare ground
  - Water quality issues
  - Soil health issues from chemical use
  - Others:
  
- What are your goals for the restoration project? What is the desired end use of the land?
  - Invasive removal/weed control
  - Native revegetation - weed or yard replacements
  - Wildlife habitat improvement
  - Wetland creation/enhancement
  - Others:
  
- What is your timeframe? \_\_\_\_\_
  
- Is dirt work needed? Will heavy equipment be needed? Please describe. YES NO
  
  
  
  
  
  
  
  
  
  
- What resources do you already have?
  - Funding:
  - Equipment:
  - Labor:

1. Site Assessment:

- Property & Project Area

- Total property acreage:
- Project area size:
- What is your property used for?

Agricultural                  Residential                  Both

- What is your water availability? (Water rights/other sources)

- What type of irrigation system do you have, if applicable?

- What is the dominant soil texture?

← water moves thru too fast — water holds too well →  
Sandy    Sandy Loam    Loamy    Clay Loam    Clay (Heavy)

- Do you currently use herbicides or pesticides on your property?    YES    NO

- What is the dominant vegetation on your property?

- Riparian areas (river/wash/etc.)

- Riparian project area size:
- What type of water is onsite/nearby?

Ephemeral (seasonal flow)    Intermittent    Perennial (constant flow)

- Is there overbank flooding at any point in time?    YES    NO

- What is the dominant soil texture of the riparian area?

← water moves thru too fast — water holds too well →  
Sandy    Sandy Loam    Loamy    Clay Loam    Clay (Heavy)

- Are water quality issues significant? Describe.    YES    NO

2. Site History:

- Has there been past use of herbicides? YES NO Are they still present in the soil? YES NO
- Has there been a fire at the site? YES NO
- Is there agriculture run-off or other sources of nitrogen inputs? YES NO
- Has there been abundant use and traffic in the site area causing compaction? YES NO
- Is there additional past use that may have any further impact on soil health and water quality?  
YES NO Describe: \_\_\_\_\_

3. Restoration Plan:

a. Weed Mitigation:

- Are Russian olive and/or tamarisk present on your property? YES NO
- What general sizes are the Russian olive/tamarisk?
  - Small/shrub like (<10 feet tall)
  - Large trees (>10 feet tall or >4 inches diameter trunk)
- Estimated percent canopy cover across whole property:
  - (>50% of canopy cover = high infestation)
    - Use mastication removal
  - (26-50% of canopy cover = moderate infestation)
    - Use the cut-stump method
  - (11-25% of canopy cover = low infestation)
    - Use cut-stump or chemical spray
- Are there other invasives/herbaceous weeds on site? Please list if known. (Siberian elm, Russian knapweed, kochia, etc.)

YES NO \_\_\_\_\_

b. Soil Improvements:

- What are your focus areas for your soil?
  - Increasing organic matter
  - Adjusting the water holding capacity
  - Improving the aeration (lowering compaction)
  - Adding nutrients (compost and/or other soils)
  - Covering bare ground with vegetation

c. Native Revegetation:

- What layers of vegetation are needed for your site?
  - Grasses
  - Sedges (riparian based)
  - Forbs/flowers
  - Shrubs & small trees
  - Large trees
- What type of goals do you have for vegetation?
  - Native plant ecosystem for your yard
  - Canopy cover/windbreaks lines
  - Enhanced wildlife habitat
    - Food sources for wildlife
    - Pollinator plants

d. Wetland Creation:

- Check all that you have available for a wetland:
  - Size availability on property - 0.5-acres or more & 2' depth
  - Water availability - consistent natural inflow or irrigation
  - Soil type - clay soils are best for water holding
  - Availability for maintenance every season