



Site ID. _____

Assessment Worksheet for Weed Management Site Plan (sample)

1. Site location: _____
2. Size of area with target species: _____
3. Target species of concern at site: _____

- a. Describe the biological characteristics that will be important for management:
 - Annual with a shallow root system (e.g. puncturevine)
 - Biennial species that dies after it flowers (e.g. musk thistle, knapweeds, bull thistle)
 - Perennial broad-leaved plant with deep root system (e.g. Canada thistle, field bindweed)
 - Woody plant (e.g. salt cedar, Russian olive)
 - Other _____

b. Seed longevity: _____ (how long to monitor site)

c. Length of time species of concern has been present at site: _____

d. % cover of target species at site: _____

e. % cover native species: _____

Describe other species present: _____

4. Site Description (include wildlife use):

- a. How is the target species distributed?

- a. solid stand
- b. patchy
- c. linear
- d. in a depression
- e. other _____

- b. Is the area a wetland? (herbicides should be wetland approved)

- a. wet or moist soil year round
- b. periodically flooded
- c. upland inclusions
- d. wetland adjacent or part of site



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c. Has the site been previously treated? YES/NO. If yes, how? _____ when? _____

d. Are there ongoing disturbances to the site? (natural and anthropogenic)

- a. near a road
- b. trails
- c. culverts, drains
- d. grazing (native or livestock)
- e. off road use by tractors, mowers, four wheelers
- f. soil disturbed by berm building, digging, ditching
- g. other _____

5. Surrounding land use description: _____

6. Are there rare plants or rare plant communities either adjacent to or in the site? YES/NO.

If yes, do you know where they are located and how to identify them? _____

Is the site within a delineated natural area or sensitive natural area? YES/NO If so, follow BMPs for treating weeds in the vicinity of Rare Plants (<https://www.colorado.gov/>)

Is the site located near (<10 m) of a rare plant or within a rare plant community? YES/NO

7. Describe actions that are being considered for this site: _____

8. What are the expected results of proposed action(s)? _____

9. What are the potential negative impacts of proposed actions? _____

10. Describe the goal for the proposed action(s):

- Eradication** (only for small populations)
- Control or suppression** targeting satellite populations (this is typically used if a restoration is planned in the future or the area will be developed and removal of seed source is the goal).
- Monitor** – get baseline to see if population is expanding – set up permanent monitoring plots

11. Describe the damage being caused by the presence of the target weed? (Is it clear the population is expanding? Should you monitor first?) _____



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12. Will removal of the target species damage the system? And will that damage have the potential to make the system more disturbed than the existing situation (i.e. produce bare soil, impacts from equipment, herbicide residue, introduction of outside seeds, change drainage pattern, etc)?

- 13. Will the removal of the target species have a high likelihood of being successful?
 - a. Is there potential for re-establishment of nearby native species? YES/NO
 - b. Is there on-going disturbances that may make removal of targets result in secondary invasion by non-native species? YES/NO (Is smooth brome present?, herbicide residue time)
 - c. Can monitoring and follow-up activities occur after treatment? YES/NO
 - d. Is the size of the treatment area workable and easily monitored for sprouts and effectiveness of treatments?
 - e. Proposed schedule for follow-up monitoring (within a year) _____
 - f. Funding available for multiple follow-up YES – NO (if no follow-up consider no treatment)
 - g. Describe how you will document success? _____

14. Set up photo plot or photo monitoring plot:

INITIAL BASELINE PHOTO PLOT: (set rebar and take photo that captures the site, try to return to photograph at least once a year at or near the same date (or spring and fall).

PLOT ID: _____ UTM: _____

DATE OF PHOTO: _____ TIME _____

DATE PLOT INITIATED: _____ # of individuals _____ est. cover % _____

ASPECT/COMPASS HEADING FOR PHOTO: _____

Follow-up Monitoring

(INSERT Photo from first year here with compass heading or directional heading and UTM or locator)

Year 2 _____

PLOT ID: _____ UTM: _____

DATE OF PHOTO: _____ TIME _____

DATE PLOT INITIATED: _____ # of individuals _____ est. cover % _____

ASPECT/COMPASS HEADING FOR PHOTO: _____



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List actions taken in year 1 with observations:

- monitor only _____
- satellite treatment only _____
- full site treatment _____

Describe in detail results (population increasing/decreasing). (photo comparison – size of polygon)

Are additional treatments necessary?

Change in treatment plan for year 2?

Next scheduled monitoring date: _____