



STATE OF MINNESOTA RIM CONSERVATION EASEMENT
 ENHANCEMENT CAPACITY SURVEY

Landowner Name	Easement ID #	County
	SWCD Staff	Date of Survey

Please fill in the following questions for each Enhancement Unit.

Enhancement Unit Description <i>e.g. All RR-2 acres, Practice Areas 3 and 4, north 40 acres, entire easement, etc.</i>	Acres	Goal Cover Type	
		<input type="checkbox"/> Grassland	<input type="checkbox"/> Wetland
		<input type="checkbox"/> Woodland	<input type="checkbox"/> Other

1. Is the Enhancement Unit accessible to large equipment? Yes No

2. Check the response that most accurately represents approximately how many **native** species are on the Enhancement Unit (*aligning with the goal cover type*).
 0-10 11-20 21-30 31+

3. Are there any signs of erosion on the Enhancement Unit? (*e.g., exposed soil*) Yes No
 If yes, approximately how much bare ground is present (%)? %
 If yes, is there >6% slope? Yes No

4. Check all invasive species found within the Enhancement Unit from the list below. Only list other invasive species if they pose a risk to the integrity of the plant community.
 Note: Enhancement Units with over 50% areal cover of species with the asterisk (*) symbol are not feasible for enhancement.

Forbs

- Birdsfoot Trefoil (*Lotus corniculatus*)
- Bull Thistle (*Cirsium vulgare*)
- Canada Thistle (*Cirsium arvense*)
- Common Tansy (*Tanacetum vulgare*)
- Creeping Charlie (*Glechoma gederacea*)
- Crown Vetch (*Securigera varia*)
- Garlic Mustard (*Alliaria petiolate*)
- Leafy Spurge (*Euphorbia esula*)
- Poison Hemlock (*Conium maculatum*)
- Plumeless Thistle (*Carduus acanthoides*)
- Spotted Knapweed (*Centaurea stoebe*)
- Sweet Clover (*Melilotus alba*; *M. officinalis*)
- Wild Parsnip (*Pastinaca sativa*)
- Other

Vines

- Round Leaf Bittersweet (*Celastrus orbiculatus*)
- Swallowwort (*Cynanchum louiseae*; *C. rossicum*)
- Other

Grasses

- Amur Silver Grass (*Miscanthus sacchariflorus*)
- Kentucky Bluegrass (*Poa pratensis*)
- Johnson Grass (*Sorghum halepense*)
- Reed Canary Grass (*Phalaris arundinacea*)***
- Smooth Brome (*Bromus inermis*)
- Other

Woody Plants

- Black Locust (*Robinia pseudoacacia*)
- Common Buckthorn (*Rhamnus cathartica*)***
- Cottonwood (*Populus deltoides*)
- Glossy Buckthorn (*Frangula alnus*)
- Japanese Honeysuckle (*Lonicera japonica*)
- Red Cedar (*Juniperus virginiana*)
- Red-Osier Dogwood (*Cornus sericea*)
- Russian Olive (*Elaeagnus angustifolia*)
- Siberian Elm (*Ulmus pumila*)
- Quaking Aspen (*Populus tremuloides*)
- Other

No invasive/noxious weeds present

5. Select the areal cover (%) of the Enhancement Unit that best represents each of the following functional groups.

Trees/Shrubs	Forbs	Sedges/Rushes	Cool-Season Grasses	Warm-Season Grasses
a. 0 – 25%	a. 0 – 25%	a. 0 – 25%	a. 0 – 25%	a. 0 – 25%
b. 25 – 50%	b. 25 – 50%	b. 25 – 50%	b. 25 – 50%	b. 25 – 50%
c. 50 – 75%	c. 50 – 75%	c. 50 – 75%	c. 50 – 75%	c. 50 – 75%
d. 75 – 100%	d. 75 – 100%	d. 75 – 100%	d. 75 – 100%	d. 75 – 100%

6. Has the Enhancement Unit ever been used for row crop agriculture? Yes No Unsure

7. Has there ever been managed haying or grazing within the Enhancement Unit? Yes No Unsure
If yes, when was it last hayed/grazed?

8. Has there ever been prescribed fire within the Enhancement Unit? Yes No Unsure
If yes, when was it last burned?

9. Has the Enhancement Unit been seeded outside of the initial restoration activities at time of acquisition?
 Yes No Unsure
If yes, attach any relevant documentation (e.g., seed tags, invoices, etc.)

10. Does the Enhancement Unit display signs of an affected buffer zone (*e.g., wilting/distressed vegetation within 30 feet of the edge of agricultural fields*)? Yes No

11. Are hydric and/or floodplain soils present within the Enhancement Unit? Yes No

12. Check all proposed management actions for enhancement. (*Refer to Enhancement Guides*)

- | | | |
|--|--|--|
| <input type="checkbox"/> Woody Removal | <input type="checkbox"/> Erosion Control | <input type="checkbox"/> Invasive Species Management |
| <input type="checkbox"/> Seeding | <input type="checkbox"/> Prescribed Fire | <input type="checkbox"/> Managed Haying/Grazing |
| <input type="checkbox"/> Other | | |

Describe the suggested Work Plan in greater detail or provide general notes.

If you selected *Woody Removal* or *Invasive Species Management*, please list the species below.

If there are feasibility concerns/risk factors for the selected management action(s), explain below.