



U.S. Department of Agriculture Conservation Reserve Enhancement Program CP26 Sediment Retention Control Structure (Version 1.1 April 2022)

WHAT IS A SEDIMENT RETENTION CONTROL STRUCTURE?

Sediment Retention Control Structures are earth embankments, or a combination ridge and channel generally constructed across the slope and minor watercourses to form a sediment trap and temporary water detention basin.

CREP POLICY

For CREP, the earth embankment and inundated area must be devoted to a cover comprised of a mixed stand of at least one grass and at least one other grass, forb or legume species best suited for site conditions in accordance with the NRCS FOTG.

More than 1 structure per tract may be constructed. The total practice acres however, including the buffer area, shall not exceed 10 acres per tract, of which the planned inundated portion of each sediment retention control structure shall not exceed 1 acre. The total acres enrolled in CRP devoted to CP26 shall not exceed 10 acres per tract.

The design height of the structure shall not exceed 15 feet.

CONSTRUCTION

Permits: Federal, State, Local, and Tribal laws and regulations may apply to private landowners conducting construction for Sediment Retention Control Structures. All necessary permits shall be acquired by the landowner before construction begins.

BUFFER, EMBANKMENT, AND INUNDATED PORTION GRASS PLANTING

It is important to plant grasses & shrubs into a weed-free, firm seedbed. If the field is currently in cropland, weed control efforts should begin prior to planting. Use herbicide or tillage to eliminate competing vegetation. If necessary, for erosion control, seed a temporary cover. Eliminate the temporary cover at planting time with tillage or herbicides.

Herbicides labeled for warm season grass establishment may also be used alone or mixed with broad-spectrum herbicides to provide residual weed control, which may result in faster establishment of the native grasses. Contact your local Michigan State University (MSU) extension agent for specific herbicide recommendations. Apply all herbicides according to the label.

Plant grasses according to the attached plan/design sheet and apply lime and fertilizer according to needs determined by a soil test and MSU recommendations for the grasses. Fertilizer requirements shall be based on the intended crop of conservation cover. The amount of lime to be used shall be based on a buffer pH (lime requirement) test. The soil test for commercial fertilizer shall be from an approved laboratory accredited with The North American Proficiency Testing Program when a MSU laboratory is not used.

For grasses, mow, burn, or apply herbicides as needed to control unwanted vegetation until the practice is established. Mow when competing weeds are taller than the planted vegetation, and at a height above the planted vegetation

For additional information on establishment and maintenance, see NRCS – Michigan Conservation Sheets (available at <http://www.nrcs.usda.gov/technical/efotg/> in Section IV).

OPERATION AND MAINTENANCE

Undesirable plants, insects, and pests shall be controlled, including such maintenance as necessary to avoid detrimental effects to the surrounding land. Some of the most common pests that need controlled on CRP acreage include autumn olive, multi-flora rose, spotted knapweed, quackgrass, Canada thistle, etc.

After practice establishment, maintain the planting according to your CRP conservation plan. Maintenance activities are allowed only on a spot basis and only if necessary, to maintain plant health, maintain stand diversity, or control pests that will damage the CRP cover or adjacent lands. Mowing is only authorized between Aug 1st and Aug 20th

to protect ground-nesting wildlife and to allow re-growth for winter cover. Other maintenance activities (herbicides, burning, etc.) are only allowed between August 1 – May 1 (i.e. - outside of the Primary Nesting and Brood-Rearing season). If maintenance activities are needed at times other than these, the FSA County Committee must approve the maintenance activity prior to the activity occurring.

Mowing for generic weed control or for cosmetic purposes is prohibited.

Livestock must be excluded from the Sediment Retention Control Structure.

Sediment Retention Control Structure Design Worksheet CREP CP26

Landowner:	County:	Date:
Farm:	Tract:	Field(s):
		Acres: 0.00

Sediment Retention Control Structure Construction in Year:

See map and NRCS or Certified Technical Service Provider-approved engineering designs for details. A Pre-Construction Meeting will occur with NRCS or the TSP to ensure the Design is understood and followed.

Seeding Mix: Acres		Species and Seeding Rate
Species	Rate PLS	total (rate x acres)
	lbs/ac	0.0 lbs
	lbs/ac	0.0 lbs
	lbs/ac	0.0 lbs
	lbs/ac	0.0 lbs
	lbs/ac	0.0 lbs
	lbs/ac	0.0 lbs

Site Prep in Year:

<input type="checkbox"/> Herbicide	Date:
<input type="checkbox"/> Herbicide	Date:
<input type="checkbox"/> Tillage	Date:
<input type="checkbox"/> Temporary cover	Date:
<input type="checkbox"/> Lime and fertilizer	Date:
<input type="checkbox"/> Other:	Date:

Planting Method in Year:

Planting method:	Date:
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Maintenance:

Mowing: Before practice establishment = mow when weeds are taller than the planted grasses.

Mowing: After practice establishment = minimum height 12" for native grass, 4-6" for introduced grass. *

NOTE: After practice establishment, mowing will be conducted between August 1 & 20, and weeds will be treated on a "spot" basis only, with prior approval granted by the FSA County Committee

Management:

<input type="checkbox"/> Prescribed burn	Date:
<input type="checkbox"/> Disking	Date:
<input type="checkbox"/> Strip spraying (grass specific herbicide)	Date:
<input type="checkbox"/> Inter-seeding (legumes or wildflowers)	Date:

NOTE: After practice establishment, other management activities will be conducted between August 1 & May 1, and weeds will be treated on a "spot" basis only, with prior approval granted by the FSA County Committee.

ADDITIONAL INFORMATION:

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