

# CREP Contract Expiration Status Review

## Ecological Function Evaluation

Complete this form one to two years prior to contract expiration.

Participant Name: \_\_\_\_\_ FSA Contract Number: \_\_\_\_\_

County: \_\_\_\_\_

Reviewer(s) Name & Affiliation: \_\_\_\_\_ Date: \_\_\_\_\_

## Section 1: CONTRACT SUMMARY

Year initially planted: \_\_\_\_\_ Current Contract Expiration Date: \_\_\_\_\_

Stream Name: \_\_\_\_\_; Tributary to: \_\_\_\_\_

CREP practice(s) installed:

CRP Primary Practices: (acres)

CP22 – RFB \_\_\_\_\_ CP22 – Hedgerow \_\_\_\_\_ CP30 Wet. Buffer \_\_\_\_\_

CP23 Wet. Res.-flood \_\_\_\_\_ CP23A Wet. Res.-non-flood \_\_\_\_\_ CP21 Filter Strip \_\_\_\_\_

Support practices:

382 Fence	_____ ft.	Functioning as designed:	Yes	No	Not Installed
614 Watering facility	_____ no.	Functioning as designed:	Yes	No	Not Installed
516 Livestock Pipeline	_____ ft.	Functioning as designed:	Yes	No	Not Installed
533 Pumping Plant	_____ no.	Functioning as designed:	Yes	No	Not Installed
578 Stream Crossing	_____ no.	Functioning as designed:	Yes	No	Not Installed

If No, explain:

## Section 2: PHYSICAL CHARACTERISTICS

CP

Average Width: \_\_\_\_\_ Installed: \_\_\_\_\_ ft. Current \_\_\_\_\_ ft.

Length of stream protected: Right bank \_\_\_\_\_ ft. Left bank \_\_\_\_\_ ft.

Participant Name: \_\_\_\_\_

Review Date: \_\_\_\_\_

CP

Average Width:                      Installed:        \_\_\_\_\_ ft.                      Current        \_\_\_\_\_ ft.

Length of stream protected:    Right bank        \_\_\_\_\_ ft.                      Left bank        \_\_\_\_\_ ft.

CP

Average Width:                      Installed:        \_\_\_\_\_ ft.                      Current        \_\_\_\_\_ ft.

Length of stream protected:    Right bank        \_\_\_\_\_ ft.                      Left bank        \_\_\_\_\_ ft.

Estimated Height Range of Planted Hardwood Trees: \_\_\_\_\_ ft.                      Conifers: \_\_\_\_\_ ft.

Estimated Height Range of Shrubs (planted or natural regenerated): \_\_\_\_\_ ft.

Plant Distribution (select one, if applicable):

Monoculture or limited plant species diversity. Common name of species: \_\_\_\_\_

Tarp (all woody species planted on tarps originally with open space or grass in-between)

Conifer understory (Contract provided conifer component only in pre-existing vegetation)

Patchiness: Mortality resulting in patchy plant community

Explain cause and extent of plant distribution (restoration of natural hydrology, beaver, re-wetting hydric soils, early succession mortality, plants not suited for microsite):

Participant Name: \_\_\_\_\_

Review Date: \_\_\_\_\_

### Section 3: PLANTING SURVIVAL

WOODY VEGETATION Current density of all planted and natural plants: \_\_\_\_\_ stems/acre

Evaluation method: (check all that apply)      Transect      Plot      Other      Manual (total) Count

If other, explain methodology:

### HERBACEOUS VEGETATION

Established to permanent herbaceous vegetation      Yes      No

For Filter Strip:

Stem density is equivalent to the seeding rate for a high quality grass hay crop in this area      Yes      No      N/A

### Section 4: BUFFER FUNCTION

Rate the Ecological Functions being provided by the enrollment area:

Stream canopy and shade on streams <50' bank full width	None	Low	Medium	High	N/A
Bank erosion prevented	None	Low	Medium	High	N/A
Soil surface stabilized	None	Low	Medium	High	N/A
Sediment from adjacent field retained by buffer	None	Low	Medium	High	N/A
Nutrients from adjacent field retained by buffer	None	Low	Medium	High	N/A
Pesticides from adjacent field retained by buffer	None	Low	Medium	High	N/A
Bacteria/pathogens from adj. field retained by buffer	None	Low	Medium	High	N/A
Surface water runoff from adj. field is slowed/infiltrated	None	Low	Medium	High	N/A
Habitat and travel corridor for small upland wildlife provided	None	Low	Medium	High	N/A
Habitat and travel corridor for large upland wildlife provided	None	Low	Medium	High	N/A
Stream meandering enabled	None	Low	Medium	High	N/A
Large woody debris source	None	Low	Medium	High	N/A
Litter (leaves, small branches) input to stream provided	None	Low	Medium	High	N/A
Overhanging vegetation provided	None	Low	Medium	High	N/A
Bank stability from root systems provided	None	Low	Medium	High	N/A
Pollinator habitat provided	None	Low	Medium	High	N/A
Beneficial insect habitat provided	None	Low	Medium	High	N/A
Spray drift reduced	None	Low	Medium	High	N/A
Flood water attenuated (where stream is hydrologically connected to its historic floodplain and CREP planting)	None	Low	Medium	High	N/A
Off-channel habitat created	None	Low	Medium	High	N/A

Participant Name: \_\_\_\_\_

Review Date: \_\_\_\_\_

If none or low, provide explanation of why this function is not provided:

Participant Name: \_\_\_\_\_

Review Date: \_\_\_\_\_

For Ecological functions marked low or medium above, is vegetation on a trajectory to provide increased function within the time frame of the next contract?

Yes      No

Explain:

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## Section 5: THREATS TO FUTURE BUFFER FUNCTION

Livestock Access	None	Low	Medium	High
Cropping encroachment	None	Low	Medium	High
Herbaceous Weed Pressure	None	Low	Medium	High
Woody Weed Pressure	None	Low	Medium	High
Hydrology Changes due to lack of ditch maintenance	None	Low	Medium	High
Hydrology Changes due to beaver	None	Low	Medium	High
Hydrology changes due to natural evens such as flood or fire	None	Low	Medium	High
Wildlife Damage (elk/deer/etc.)	None	Low	Medium	High

If Med or High selected for threat, explain (list dominant weed species if applicable):

Participant Name: \_\_\_\_\_

Review Date: \_\_\_\_\_

## Section 6: DETERMINATION and RECOMMENDATION

Select one:

Buffer functioning as originally designed

Buffer functioning – alternative habitat than designed

Buffer not functioning but trending increase in habitat function.

Buffer not functioning – needs additional practice installation/maintenance

Buffer not functioning – site no longer suitable for original CP practice buffer installation

If Buffer not functioning, summarize issues noted in sections 2-5 above:

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### RECOMMENDATION:

Recommend re-enrolling the following CPs:

CP22 RFB \_\_\_\_\_ ac

CP 23 \_\_\_\_\_ ac

CP22 Hedgerow \_\_\_\_\_ ac

CP21 \_\_\_\_\_ ac

CP 30 \_\_\_\_\_ ac

Recommend excluding \_\_\_\_\_ acres that no longer support any of the available CPs.

***Attach a map showing area of each CP. Attach ground photos of issues identified. Attach this evaluation to a completed CPA-LTP-13 Status Review Form with landowner signature. Provide to NRCS local office for review and approval. NRCS will provide to FSA CED***