LENTIC PROPER FUNCTIONING CONDITION (PFC) STANDARD CHECKLIST

Record I	D No:
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Describe the lentic site (i.e., wetland; non-wetland):		
Waterbody Code:	Site ID:	
Functional rating:		
Apparent trend for Functional—At Risk:		
Approximate polygon size (acres):		
Date Assessed:		
BLM Alias Name(s) (if provided):		

Site ID:	Record ID No:	

Map Imagery is 2021 NAIP

NOTE: Imagery provided by the USDI Bureau of Land Management

Record ID No:

NARRATIVE EXECUTIVE SUMMARY

3

NARRATIVE EXECUTIVE SUMMARY (Cont.) Record ID No: _____

	Unique Location ID: Site ID:
AI. I IGIU UAIA COIICCICU DY	Unique Location ID: Site ID:
•	
A3a. BLM State Office:	
A3b. BLM Field Office/Field Station:	
A3c. BLM Office Code:	A3d. Is the polygon in an active BLM grazing allotment? (Yes; No; NA):
If Yes, A3e: Allotment Number:	A3f: Allotment Number:
Allotment ID:	Allotment ID:
Allotment Name:	Allotment Name:
Management Status:	Management Status:
A4. USFWS Refuge:	
A5. Reservation:	
A6. NPS Park/NHS:	
A7. USFS National Forest:	
A8. Other Location:	
A9. Year: A10. Date field data coll-	ected: A11. Observers:
A12a. At least some part of this polygon has b	peen inventoried more than once (resampled)? (Yes; No):
If No, go to item A13a. If Yes, A12b.	This polygon coincides exactly with another inventoried polygon? (Yes; No):
A12c. Is this the latest inventory for this polygon	on? (Yes; No):
	ygon:,,,,
A12e. Other years:	
A12f. This polygon shares common area with	other inventoried polygon(s)? (Yes; No): A12g. Other years:
A12h. ID No.(s) of other records sharing area	with this polygon:,,,,,
A13a. Has a change in management occurred	I? (Yes; No): If <i>Yes,</i> A13b. Year that changed occurred:
A13c. Type of management change applied:	
LOCATION DATA	
	nty/Municipal district:
B1. State/Province: B2. Cou	nty/Municipal district:
B1. State/Province: B2. Cou B3. Allotment/Range/Management unit:	•
B1. State/Province: B2. Cou B3. Allotment/Range/Management unit:	
B1. State/Province: B2. Cou B3. Allotment/Range/Management unit: B4a. Area name: B4b. Tributary to:	Lat Long
B1. State/Province: B2. Cou B3. Allotment/Range/Management unit: B4a. Area name: B4b. Tributary to: B4c. Waterbody Code:	B4d. BLM Provided Location (decimal degrees):
B1. State/Province: B2. Cou B3. Allotment/Range/Management unit: B4a. Area name: B4b. Tributary to: B4c. Waterbody Code: B4e. BLM designated watershed:	Lat Long B4d. BLM Provided Location (decimal degrees):
B1. State/Province: B2. Cou B3. Allotment/Range/Management unit: B4a. Area name: B4b. Tributary to: B4c. Waterbody Code: B4e. BLM designated watershed: B4f. BLM provided location (Township, Range	B4d. BLM Provided Location (decimal degrees):
B1. State/Province: B2. Cou B3. Allotment/Range/Management unit: B4a. Area name: B4b. Tributary to: B4c. Waterbody Code: B4e. BLM designated watershed: B4f. BLM provided location (Township, Range B4g. BLM provided comments:	Lat Long B4d. BLM Provided Location (decimal degrees):
B1. State/Province: B2. Cou B3. Allotment/Range/Management unit: B4a. Area name: B4b. Tributary to: B4c. Waterbody Code: B4e. BLM designated watershed: B4f. BLM provided location (Township, Range B4g. BLM provided comments:	B4d. BLM Provided Location (decimal degrees):
B1. State/Province: B2. Cou B3. Allotment/Range/Management unit: B4a. Area name: B4b. Tributary to: B4c. Waterbody Code: B4c. BLM designated watershed: B4f. BLM provided location (Township, Range B4g. BLM provided comments: B4h. BLM provided NWI codes:	B4d. BLM Provided Location (decimal degrees):
B1. State/Province: B2. Cou B3. Allotment/Range/Management unit: B4a. Area name: B4b. Tributary to: B4c. Waterbody Code: B4c. BLM designated watershed: B4f. BLM provided location (Township, Range B4g. BLM provided comments:	B4d. BLM Provided Location (decimal degrees):
B1. State/Province: B2. Cou B3. Allotment/Range/Management unit: B4a. Area name: B4b. Tributary to: B4c. Waterbody Code: B4c. BLM designated watershed: B4f. BLM provided location (Township, Range B4g. BLM provided comments: B4h. BLM provided NWI codes: B4i. BLM alias name(s):	B4d. BLM Provided Location (decimal degrees):

Record ID No:

					Record ID No:			ID No:		
B7a. Polygon latitu	ıde/longit	ude coo	rdinatee.	GDS Projection			۱۸/۸ ۸	C Enable	od I Init:	Observe
Deg	Min	Sec	N/S	GPS Projection: Decimal	Deg		_ vvaa Sec	S Enable E/W	Decimal	Accuracy Initial +/- ft +/- m & WPT
MOTAL				Lon:	•					
WPT2: Lat:				Lon:						
MOTALLA				1						
Other Waypoint				Lon:						
WPT5: Lat:				Lon:						
WPT6: Lat:				Lon:						
B7b. Other Point										
B8. Hydrologic unit HUC LEVELS: Reg Subbasin (8 digits;	gion (2 di	gits; Fire	st Level H	UC); Subregion (4	digits:	Secon	d Level Hl	JC); Bas	in (6 digits; Thi ed (12 digits; S	ird Level HUC); Sixth Level HUC)
HUC #1:				_	Н	IUC #2:				
River Miles:					F	River Mil	es:			
Percent of Stream	Reach:				Р	ercent o	of Stream	Reach:		
Region Name:					F	Region N	lame:			
square miles:						squ	are miles:			
Subregion Name:					S	Subregion Name:				
square miles:						squ	are miles:			
Basin Name:					В					
square miles:						squ	are miles:			
Subbasin Name:					S	Subbasir	n Name: _			
square miles:						squ	are miles:			
Watershed Name:					٧					
square miles:						squ	are miles:			
Subwatershed Nar	ne:				_ s	Subwate	rshed Nar	ne:		
acres:		_					acres: _			
HUC #3:				_	Н	IUC #4:				
River Miles:					F	River Mil	es:			
Percent of Stream	Reach:				Р	ercent	of Stream	Reach:		
Region Name:										
square miles:							are miles:			
Subregion Name:					S					
square miles:							are miles:			
Basin Name:					В					
square miles:						sau	are miles:			
Subbasin Name:					S					
square miles:							are miles:			
Watershed Name:					٧					
square miles:						squ	are miles:			

acres:

Subwatershed Name:

Subwatershed Name:

		Record ID No:		
SELECTED SUMMARY DATA				
C1. Wetland type:			,	
C3a. Is the entire polygon an upland? (Yes; No):				
types? (Yes; No): C3c. Functional wetland (acre			C3d. Percent o	f total polygon:
C4. Does the polygon contain a defined shoreline? (Yes; No	=			
C5. Polygon length (mi):; (km):		miles the poly	gon represents (mi):	; (km):
C7a. Average riparian-wetland area width (ft):; (n	•			
C7b. Riparian-wetland area width range (ft): to	; (m):_	to		
D1. Habitat Types (HT) and Community Types (CT)				Approx. Percent of
Classification Type Name			Phase	Polygon
		_		
Successional Stage or Comments:				
Assessment Method:				
 □ Complete ground reconnaissance □ Ground inspection of selected representative areas □ Remote imagery with selective ground inspection of representative 	presentative	or other area	s requiring closer inspect	ion

Record ID No:	_
entic PFC Benchmark Category (i.e., is the rating based on Potential or Capability [altered system]):	
rescription of potential and rationale: Should include description of hydrologic regime (duration, timing, frequency), geomorphic etting, important soil properties, and riparian-wetland plant communities at potential.	
Other assessment or monitoring data or information about the riparian-wetland assessment area.	

Record ID No:	
LENTIC PROPER FUNCTIONING CONDITION (PFC) STANDARD CHECKLIST	
Data Source:	
HYDROLOGY	
1. Riparian-wetland area is saturated at or near the surface or inundated in "relatively frequent" events. (Y/N) Rationale:	
2. Fluctuation of water levels is within a range that maintains hydrologic functions and riparian-wetland vegetation. Rationale: (Y/N/NA)	
3. Riparian-wetland area is enlarging or has achieved potential extent. (Y/N/NA) Rationale:	
4. Riparian-wetland impairment from the contributing area is absent. (Y/N) Rationale:	
5. Water quality is sufficient to support riparian-wetland plants. (Y/N/NA) Rationale:	
6. Disturbances or features that negatively affect surface-and subsurface-flow patterns are absent. These disturbances/features include but are not limited to hoof action, dams, dikes, spring boxes, diversions, trails, roads, rills gullies, drilling activities. (Y/N) Rationale:	,
7. Impoundment structure accommodates safe passage of flows (e.g., no headcut affecting dam or spillway). (Y/N/NA) Rationale:	

VEGETATION

8.	. There is adequate diversity of stabilizing riparian-wetland vegetation for recovery/maintenance. (Y/N/NA) Rationale:
9.	. There is adequate age classes of stabilizing riparian-wetland vegetation for recovery/maintenance. (Y/N/NA) Rationale:
10	Species present indicate maintenance of riparian-wetland soil moisture characteristics. (Y/N/NA) Rationale:
1-	1. Stabilizing plant communities are present that are capable of withstanding overland flows (e.g., storm events, nowmelt), and wind and wave actions, and can resist physical alteration. (Y/N/NA) Rationale:
12	2. Riparian-wetland plants exhibit high vigor. (Y/N/NA) Rationale:
13 di	3. An adequate amount of stabilizing riparian-wetland vegetative is present to protect soil surfaces and shorelines, to issipate energy from overland flows and wind and wave actions, and to resist physical alteration.(Y/N/NA) Rationale:
14	4. Abnormal frost or hydrologic heaving is absent. (Y/N/NA) Rationale:

	Record ID No:
15.	Favorable microsite conditions (e.g., woody material, water temperature) is maintained by adjacent site characteristics. Rationale: (Y/N/NA)
	SOILS/GEOMORPHOLOGY
16	6. Accumulation of chemicals affecting plant productivity/composition is absent. (Y/N/NA) Rationale:
17	7. Saturation of soils (i.e., ponding, flooding frequency, and duration) is sufficient to compose and maintain hydric soils. Rationale: (Y/N/NA)
18	B. Underlying geologic material/soil material/permafrost is capable of restricting water percolation. (Y/N/NA) Rationale:
19 er	D. Riparian-wetland is in balance with the water and sediment being supplied by the watershed (i.e., no excessive osion or deposition). (Y/N) Rationale:
20 ar	Islands and shoreline characteristics (i.e., rocks, coarse and/or large woody material) are adequate to dissipate wind not wave event energies. (Y/N/NA) Rationale:

	Record ID No:

SUMMARY DETERMINATION
Functional rating:
Apparent trend for Functional—At Risk:
Thermometer scale for functionality of the ratings for PFC or FAR (Upper; Middle; Lower):
Rationale for rating:

Rationale for trend (for FAR rating):

Yes,	what are those factors? (Check al	I that apply.)	
	Flow regulation _	Land ownership	Road encroachment
	Mining activity	Dewatering	Oil field water discharge
	Watershed condition	Dredging activity	Augmented flows
	Other (specify):		

Explain factors preventing achievement of PFC:

Additional Comments (if necessary):

forbs/ferns a	g is a list of the major plant species (in terms of canopy cover) in the and allies). Also included is an estimate of the canopy cover of the major included, and wetland status (OBL, FACV TREES	ajor species	within the poly	s, graminoids, a gon, the duratic	nd on (i.e.,
6 Letter Code	Scientific Name (Common Name)	Canopy Cover (%)	Duration	Native/ Introduced	Wetland Status
6 Letter Code	SHRUBS Scientific Name (Common Name)	Canopy Cover (%)	Duration	Native/ Introduced	Wetland Status
6 Letter Code	GRAMINOIDS Scientific Name (Common Name)	Canopy Cover (%)	Duration	Native/ Introduced	Wetland Status
6 Letter Code	C	anopy over			Wetland Status

			F	Record ID N	lo:	
orbs/ferns a	g is a list of the major plant species (in terms of canopy cover) in the ind allies). Also included is the presence/relative abundance (AB), wasive species status (i.e., weeds) (IN).	e four lifefo geomorphic	rms (trees, s /topographic	hrubs, grar position (G	ninoids, a 3/T), stabi	nd lity class
	TREES					
6 Letter Code	Scientific Name (Common Name)	PLANTS Symbol	Presence/ Relative Abundance	Topo	Stability Class	Invasive Plant (Y/N)
6 Letter Code	SHRUBS Scientific Name (Common Name)		Presence/ Relative Abundance	Topo	Stability Class	Invasive Plant (Y/N)
6 Letter Code	GRAMINOIDS Scientific Name (Common Name)	PLANTS Symbol	Presence/ Relative Abundance	Topo	Stability Class	Invasive Plant (Y/N)
6 Latter	FORBS/FERNS AND A	PLANTS	Relative	Geomorph _Topo	Stability	Invasive Plant
6 Letter Code	Scientific Name (Common Name)		Abundance	Position	Class	(Y/N)

	Record ID No:
Total canopy coverage of all OBL and FACW plant species combined: %	
Range of canopy coverage for all OBL and FACW plant species: % to %	
Total canopy coverage of all OBL, FACW, and FAC plant species combined: %	
Range of canopy coverage for all OBL, FACW, and FAC plant species: % to %	
ADDITIONAL MANAGEMENT INFORMATION	
E1a. Is the wetland a natural wetland (i.e., prairie pothole, spring, etc.)? (Yes; No; NC):	_ If <i>Yes,</i> go to E1b; if <i>No</i> , go to E2.
E1b. Does the natural wetland (i.e., prairie pothole) contain a constructed pit or dugout? (Yes; N	No; NC):
E2. Is the wetland a constructed wetland (i.e., reservoir)? (Yes; No; NC): If Yes, go to	E3; if <i>No</i> , go to E4.
E3. Water Conveyance and Dam Features:	
E3a. Estimated height of dam embankment in feet (1-10 ft; 10-20 ft; >20 ft; NC):	
E3b. Describe the condition of the face of dam (i.e., upstream portion of dam) (include comn	nent on armoring of face of dam):
E3c. Describe the condition of the top of dam:	
E3d. Describe the condition of the backside of dam (i.e., downstream portion of dam):	
E3e. Describe the condition of the spillway/overflow and downstream channel:	
E3f. Describe any pipe or pipe-valve conveyance and the functional condition:	
E3g. Repairs needs, management recommendations, or other items worthy of mention:	
E4. Water Conditions:	
E4a. Proportion of wetland basin with water (full or nearly full; 3/4 full; 1/2 full; 1/4 full; empty):
E4b. Water clarity (very clear; semi-turbid [see bottom in 1 - 2 ft of water]; turbid [lose sight of	of bottom in 6 - 10 inches of water];
milky [little to no light transmission]; NA; NC):	
E4c. Additional comments on water quality:	
WILDLIFE DATA	
F1. Were ducks/geese observed during the site visit? (Yes; No; NC): Number: _	
F2. Were shorebirds observed during the site visit? (Yes; No; NC): Number:	
F3. Were frogs/toads observed during the site visit? (Yes; No; NC): Number:	
F4. Were turtles observed during the site visit? (Yes; No; NC): Number:	_

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Check www.ecologicalsolutionsgroup.com for latest data set & form

Current as of 5/17/2023

Lentic PFC Checklist

							Record II) No:
PHOTOGRAPH DATA		_						
Photographer(s):								
G1 . Identification of photos taken at WPT1 : Deg Min	Sec	N/S	Decimal	•	Min		E/W	Decimal
			Lon:					
Photo Direction at WPT1 (degrees):			, ,					
Photo Description (If necessary): (WPT1): _								
Photo Direction at WPT1 (degrees):		Phot	to nos.: (<i>WPT1</i>):					
Photo Description (If necessary): (WPT1): _								
DI I Di li IMPTA (I		ъ.	(14/0.74)					
Photo Direction at WPT1 (degrees):			to nos.: (<i>WPT1</i>):					
Photo Description (If necessary): (WPT1):								
Photo Direction at WPT1 (degrees):		Phot	o nos.: (<i>WPT1</i>):					
Photo Description (If necessary): (WPT1): _								
On Identification of whater taken at MATA								
G2 . Identification of photos taken at WPT2 : Deg Min	Sec	N/S		Deg	Min	Sec	E/W	Decimal
Photo Location <i>WPT2:</i> Lat:			Lon:					
Photo Direction at <i>WPT2</i> (degrees):		Phot	o nos.: (<i>WPT2</i>):					
Photo Description (If necessary): (WPT2): $_$								
Photo Direction at WPT2 (degrees):		Phot	to nos.: (<i>WPT2</i>): _					
Photo Description (If necessary): (<i>WPT2</i>): _								
Photo Direction at WPT2 (degrees):			to nos.: (<i>WPT2</i>): _					
Photo Description (If necessary): (<i>WPT2</i>): _								
Photo Direction at WPT2 (degrees):		Phot	o nos.: (<i>WPT2</i>): _					
Photo Description (If necessary): (<i>WPT2</i>): _								
G3. Identification of photos taken at WPT3:								
Deg Min Photo Location <i>WPT3:</i> Lat:	Sec	N/S		•	Min		E/W	Decimal
Photo Location <i>WPT3:</i> Lat: Photo Direction at <i>WPT3</i> (degrees):								
, ,			` ,					
Photo Description (If necessary): (WPT3):								
Photo Direction at WPT3 (degrees):		Phot	to nos.: (<i>WPT3</i>): _					
Photo Description (If necessary): (WPT3): _								
Photo Direction at <i>WPT3</i> (degrees):		Phot	to nos.: (<i>WPT3</i>): _					
Photo Description (If necessary): (WPT3):			.0 1105 (<i>WF 13</i>)					
Doddipilon (ii nooddary). (*** 10)								
Photo Direction at WPT3 (degrees):		Phot	o nos.: (<i>WPT3</i>): _					
Photo Description (If necessary): (WPT3): _								

			Record ID No:	
G4 . Identification of photos taken a Deg Photo Location <i>WPT4:</i> Lat:	Min Sec	N/S Decimal Deg		
Photo Direction at WPT4 (degrees				
Photo Direction at <i>WPT4</i> (degrees Photo Description (If necessary): (•	, ,		
Photo Direction at <i>WPT4</i> (degrees Photo Description (If necessary): (
Photo Direction at WPT4 (degrees Photo Description (If necessary): (<u> </u>
G5. Additional Locations: (Lat/L				Observer Initial & WPT
Location #1: Lat:		Lon:		
·	-	·		
Photo Description (If necessary): (Location #1):			
Photo Direction at <i>Location #1</i> (de	egrees):	Photo nos.: (<i>Location #1</i>): _		
Photo Description (If necessary): (Location #1):			
Photo Direction at Location #1 (de	egrees):	Photo nos.: (<i>Location #1</i>):		
Photo Description (If necessary): (Location #1):			
·	-			
Location #2: Lat:		Lon:		
Photo Direction at <i>Location #2</i> (de		Photo nos.: (<i>Location #2</i>):		
Photo Description (If necessary): (,			
Photo Direction at <i>Location #2</i> (de	egrees):	Photo nos.: (<i>Location #2</i>): _		
Photo Description (If necessary): (Location #2):			
Photo Direction at <i>Location #2</i> (de	egrees):	Photo nos.: (<i>Location #2</i>): _		
Photo Description (If necessary): (Location #2):	· ,		
Photo Direction at Location #2 (de	egrees):	Photo nos.: (<i>Location #2</i>):		
Photo Description (If necessary): (Location #2):	·		

		Record ID No:
Location #3: Lat:	Lon:	
Photo Direction at <i>Location #3</i> (degrees):		
Photo Description (If necessary): (<i>Location #3</i>):		
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Photo Direction at <i>Location #3</i> (degrees):	Photo nos.: (<i>Location #3</i>):	
Photo Description (If necessary): (<i>Location #3</i>):		
Photo Direction at <i>Location #3</i> (degrees):	Photo nos.: (<i>Location #3</i>):	
Photo Description (If necessary): (<i>Location #3</i>):	,	
Photo Direction at <i>Location #3</i> (degrees):	Photo nos.: (<i>Location #3</i>):	
Photo Description (If necessary): (<i>Location #3</i>):		
Location #4: Lat:	Lon:	
Photo Direction at <i>Location #4</i> (degrees):	Photo nos.: (<i>Location #4</i>):	
Photo Description (If necessary): (Location #4):		
Photo Direction at <i>Location #4</i> (degrees):	Photo nos : (I ocation #4):	
Photo Description (If necessary): (<i>Location #4</i>):		
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Photo Direction at <i>Location #4</i> (degrees):		
Photo Description (If necessary): (Location #4):		
Photo Direction at <i>Location #4</i> (degrees):	Photo nos.: (<i>Location #4</i>):	
Photo Description (If necessary): (<i>Location #4</i>):		
Location #5: Lat:	Lone	
Location #5: Lat: Photo Direction at Location #5 (degrees):	Photo nos : (I ocation #5):	
Photo Description (If necessary): (Location #5):		
, , , , , , , , , , , , , , , , , , , ,		
Photo Direction at <i>Location #5</i> (degrees):	,	
Photo Description (If necessary): (<i>Location #5</i>):		
Photo Direction at <i>Location #5</i> (degrees):	Photo nos.: (<i>Location #5</i>):	
Photo Description (If necessary): (<i>Location #5</i>):	· · · · · · · · · · · · · · · · · · ·	
Photo Direction at <i>Location #5</i> (degrees):		
Photo Description (If necessary): (Location #5):		

Location #6: Lat:	Lon:	
Photo Direction at <i>Location #6</i> (degrees):		
Photo Description (If necessary): (Location #6):		
Photo Direction at <i>Location #6</i> (degrees):	Photo nos : (I ocation #6):	
Photo Description (If necessary): (Location #6):		
Photo Direction at <i>Location #6</i> (degrees):	Photo nos.: (<i>Location #6</i>): _	
Photo Description (If necessary): (Location #6):		
Photo Direction at <i>Location #6</i> (degrees):	Photo nos.: (Location #6): _	
Photo Description (If necessary): (Location #6):		
Location #7: Lat:		
Photo Direction at <i>Location #7</i> (degrees):	Photo nos.: (Location #7)	
Photo Description (If necessary): (Location #7):		
Photo Direction at <i>Location #7</i> (degrees):	Photo nos.: (<i>Location #7</i>): _	
Photo Description (If necessary): (<i>Location #7</i>):		
Photo Direction at <i>Location #7</i> (degrees):	Photo nos.: (<i>Location #7</i>): _	
Photo Description (If necessary): (Location #7):		
Photo Direction at <i>Location #7</i> (degrees):	Photo nos : (I ocation #7):	
Photo Description (If necessary): (Location #7):		
Thoto Description (in necessary). (Lecture 177).		
Location #8: Lat:	Lon:	
Photo Direction at <i>Location #8</i> (degrees):		
Photo Description (If necessary): (Location #8):		
Photo Direction at <i>Location #8</i> (degrees):	Photo nos.: (Location #8)	
Photo Description (If necessary): (Location #8):	,	
Photo Direction at <i>Location #8</i> (degrees):	Photo nos.: (<i>Location #8</i>): _	
Photo Description (If necessary): (Location #8):		
Photo Direction at Location #9 (degrees)	Photo nos : (I castion #0).	
Photo Direction at <i>Location #8</i> (degrees):	FIIO(0 1105 (L<i>ucation #8</i>) :	
Photo Description (If necessary): (Location #8):		

Record ID No:	

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