

**LENTIC PROPER FUNCTIONING CONDITION (PFC)
STANDARD CHECKLIST**

Record ID No: _____

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):



Map Imagery is 2013 NAIP

NOTE: Imagery provided by the USDI Bureau of Land Management

ADMINISTRATIVE DATA

Unique Location ID: _____ Site ID: _____

A1. Field data collected by: _____

A2. Funding Agency/Organization: _____

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 collected: _____ **A11.** Observers: _____

A12a. At least some part of this polygon has been 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? (Yes; No): _____

A12d. ID No.(s) of other inventories of this polygon: _____, _____, _____, _____, _____

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? (Yes; No): _____ If **Yes, A13b.** Year that changed occurred: _____

A13c. Type of management change applied: _____

LOCATION DATA

B1. State/Province: _____ **B2.** County/Municipal district: _____

B3. Allotment/Range/Management unit: _____

B4a. Area name: _____

B4b. Tributary to: _____

B4c. Waterbody Code: _____ **B4d.** BLM Provided Location (decimal degrees): _____ Lat _____ Long _____

B4e. BLM designated watershed: _____

B4f. BLM provided location (Township, Range, Section): _____

B4g. BLM provided comments: _____

B4h. BLM provided NWI codes: _____

B4i. BLM alias name(s): _____

B4j. Group name: _____ **B4k.** Group number: _____ **B5.** Polygon number: _____

B6. Elevation (ft): _____ ; (m): _____

B7a. Polygon latitude/longitude coordinates: GPS Projection: _____ WAAS Enabled Unit: _____ Accuracy Initial
 Deg Min Sec N/S Decimal Deg Min Sec E/W Decimal +/- ft +/- m & WPT
 Observer
 WPT1: Lat: _____ Lon: _____
 WPT2: Lat: _____ Lon: _____
 WPT3: Lat: _____ Lon: _____
 WPT4: Lat: _____ Lon: _____
 Other Waypoints:
 WPT5: Lat: _____ Lon: _____
 WPT6: Lat: _____ Lon: _____
B7b. Other Point _____
 Comments: _____

B8. Hydrologic unit code(s) (HUC) from the USGS National Hydrography Dataset (NHD):

HUC LEVELS: Region (2 digits; First Level HUC); Subregion (4 digits; Second Level HUC); Basin (6 digits; Third Level HUC); Subbasin (8 digits; Fourth Level HUC); Watershed (10 digits; Fifth Level HUC); and Subwatershed (12 digits; Sixth Level HUC)

HUC #1: _____	HUC #2: _____
River Miles: _____	River Miles: _____
Percent of Stream Reach: _____	Percent of Stream Reach: _____
Region Name: _____	Region Name: _____
square miles: _____	square miles: _____
Subregion Name: _____	Subregion Name: _____
square miles: _____	square miles: _____
Basin Name: _____	Basin Name: _____
square miles: _____	square miles: _____
Subbasin Name: _____	Subbasin Name: _____
square miles: _____	square miles: _____
Watershed Name: _____	Watershed Name: _____
square miles: _____	square miles: _____
Subwatershed Name: _____	Subwatershed Name: _____
acres: _____	acres: _____
HUC #3: _____	HUC #4: _____
River Miles: _____	River Miles: _____
Percent of Stream Reach: _____	Percent of Stream Reach: _____
Region Name: _____	Region Name: _____
square miles: _____	square miles: _____
Subregion Name: _____	Subregion Name: _____
square miles: _____	square miles: _____
Basin Name: _____	Basin Name: _____
square miles: _____	square miles: _____
Subbasin Name: _____	Subbasin Name: _____
square miles: _____	square miles: _____
Watershed Name: _____	Watershed Name: _____
square miles: _____	square miles: _____
Subwatershed Name: _____	Subwatershed Name: _____
acres: _____	acres: _____

SELECTED SUMMARY DATA

- C1.** Wetland type: _____ **C2.** Polygon size (acres): _____ ; (hect): _____
- C3a.** Is the entire polygon an upland? (Yes; No): _____ If **No**, **C3b.** Does the polygon consist entirely of functional wetland types? (Yes; No): _____ **C3c.** Functional wetland (acres): _____ ; (hect): _____ **C3d.** Percent of total polygon: _____
- C4.** Does the polygon contain a defined shoreline? (Yes; No; NC): _____
- C5.** Polygon length (mi): _____ ; (km): _____ **C6.** Number of miles the polygon represents (mi): _____ ; (km): _____
- C7a.** Average riparian-wetland area width (ft): _____ ; (m): _____
- C7b.** Riparian-wetland area width range (ft): _____ to _____ ; (m): _____ to _____

D1. Habitat Types (HT) and Community Types (CT)

Classification Type Name	Phase	Approx. Percent of Polygon
_____	_____	_____
_____	_____	_____
_____	_____	_____

Successional Stage or Comments: _____

LENTIC PROPER FUNCTIONING CONDITION (PFC) STANDARD CHECKLIST

Data Source: _____

Hydrologic

_____ 1. Riparian-wetland area is saturated at or near the surface or inundated in “relatively frequent” events	_____ _____ _____
_____ 2. Fluctuation of water levels is not excessive	_____ _____ _____
_____ 3. Riparian-wetland area is enlarging or has achieved potential extent	_____ _____ _____
_____ 4. Upland watershed is not contributing to riparian-wetland degradation	_____ _____ _____
_____ 5. Water quality is sufficient to support riparian-wetland plants	_____ _____ _____
_____ 6. Natural surface or subsurface flow patterns are not altered by disturbance (i.e., hoof action, dams, dikes, trails, roads, rills, gullies, drilling activities)	_____ _____ _____
_____ 7. Structure accommodates safe passage of flows (e.g., no headcut affecting dam or spillway)	_____ _____ _____

Vegetative

Record ID No: _____

- _____ 8. There is diverse age-class distribution of riparian-wetland vegetation (recruitment for maintenance/recovery)

- _____ 9. There is diverse composition of riparian-wetland vegetation (for maintenance/recovery)

- _____ 10. Species present indicate maintenance of riparian-wetland soil moisture characteristics

- _____ 11. Vegetation is comprised of those plants or plant communities that have root masses capable of withstanding wind events, wave flow events, or overland flows (e.g., storm events, snowmelt)

- _____ 12. Riparian-wetland plants exhibit high vigor

- _____ 13. Adequate riparian-wetland vegetative cover is present to protect shorelines/soil surface and dissipate energy during high wind and wave events or overland flows

- _____ 14. Frost or abnormal hydrologic heaving is not present

- _____ 15. Favorable microsite conditions (i.e., woody material, water temperature, etc.) is maintained by adjacent site characteristics

Erosion/Deposition

- _____ 16. Accumulation of chemicals affecting plant productivity/composition is not apparent

- _____ 17. Saturation of soils (i.e., ponding, flooding frequency, and duration) is sufficient to compose and maintain hydric soils

- _____ 18. Underlying geologic structure/soil material/permafrost is capable of restricting water percolation

- _____ 19. Riparian-wetland is in balance with the water and sediment being supplied by the watershed (i.e., no excessive erosion or deposition)

- _____ 20. Islands and shoreline characteristics (i.e., rocks, coarse and/or large woody material) are adequate to dissipate wind and wave event energies

ADDITIONAL MANAGEMENT INFORMATION _____

E1a. Is the wetland a natural wetland (i.e., prairie pothole, spring, etc.)? (Yes; No; NC): _____ If **No**, go to item **E2**.

E1b. Does the natural wetland (i.e., prairie pothole) contain a constructed pit or dugout? (Yes; No; NC): _____

E2. Is the wetland a constructed wetland (i.e., reservoir)? (Yes; No; NC): _____ If **No**, go to item **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 comment 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 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: _____

List the top five plant species (in terms of canopy cover) in the four lifeforms (trees, shrubs, graminoids, and ferns and allies). Also estimate the canopy cover of these species within the polygon, the duration (i.e., perennial, biennial, annual), native or introduced, and wetland status (UPL, FACU, FAC, FACW, OBL).

TREES

6 Letter Code	Scientific Name (Common Name)	Canopy Cover (%)	Duration	Native/ Introduced	Wetland Status
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

SHRUBS

6 Letter Code	Scientific Name (Common Name)	Canopy Cover (%)	Duration	Native/ Introduced	Wetland Status
_____	_____	_____	_____	_____	_____

GRAMINOIDS

6 Letter Code	Scientific Name (Common Name)	Canopy Cover (%)	Duration	Native/ Introduced	Wetland Status
_____	_____	_____	_____	_____	_____

FORBS/FERNS AND ALLIES

6 Letter Code	Scientific Name (Common Name)	Canopy Cover (%)	Duration	Native/ Introduced	Forbs or Ferns Allies	Wetland Status
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

PHOTOGRAPH DATA

Photographer(s): _____

G1. Identification of photos taken at WPT1:

	Deg	Min	Sec	N/S	Decimal	Deg	Min	Sec	E/W	Decimal
Photo Location WPT1: Lat:	_____	_____	_____	_____	_____	Lon:	_____	_____	_____	_____

Photo Direction at **WPT1** (degrees): _____ Photo nos.: (**WPT1**): _____Photo Description (If necessary): (**WPT1**): _____Photo Direction at **WPT1** (degrees): _____ Photo nos.: (**WPT1**): _____Photo Description (If necessary): (**WPT1**): _____Photo Direction at **WPT1** (degrees): _____ Photo nos.: (**WPT1**): _____Photo Description (If necessary): (**WPT1**): _____Photo Direction at **WPT1** (degrees): _____ Photo nos.: (**WPT1**): _____Photo Description (If necessary): (**WPT1**): _____**G2. Identification of photos taken at WPT2:**

	Deg	Min	Sec	N/S	Decimal	Deg	Min	Sec	E/W	Decimal
Photo Location WPT2: Lat:	_____	_____	_____	_____	_____	Lon:	_____	_____	_____	_____

Photo Direction at **WPT2** (degrees): _____ Photo nos.: (**WPT2**): _____Photo Description (If necessary): (**WPT2**): _____Photo Direction at **WPT2** (degrees): _____ Photo nos.: (**WPT2**): _____Photo Description (If necessary): (**WPT2**): _____Photo Direction at **WPT2** (degrees): _____ Photo nos.: (**WPT2**): _____Photo Description (If necessary): (**WPT2**): _____Photo Direction at **WPT2** (degrees): _____ Photo nos.: (**WPT2**): _____Photo Description (If necessary): (**WPT2**): _____**G3. Identification of photos taken at WPT3:**

	Deg	Min	Sec	N/S	Decimal	Deg	Min	Sec	E/W	Decimal
Photo Location WPT3: Lat:	_____	_____	_____	_____	_____	Lon:	_____	_____	_____	_____

Photo Direction at **WPT3** (degrees): _____ Photo nos.: (**WPT3**): _____Photo Description (If necessary): (**WPT3**): _____Photo Direction at **WPT3** (degrees): _____ Photo nos.: (**WPT3**): _____Photo Description (If necessary): (**WPT3**): _____Photo Direction at **WPT3** (degrees): _____ Photo nos.: (**WPT3**): _____Photo Description (If necessary): (**WPT3**): _____Photo Direction at **WPT3** (degrees): _____ Photo nos.: (**WPT3**): _____Photo Description (If necessary): (**WPT3**): _____

G4. Identification of photos taken at WPT4:

	Deg	Min	Sec	N/S	Decimal	Deg	Min	Sec	E/W	Decimal
Photo Location WPT4 : Lat:	_____	_____	_____	_____	_____	Lon:	_____	_____	_____	_____
Photo Direction at WPT4 (degrees):	_____			Photo nos.: (WPT4):	_____					
Photo Description (If necessary): (WPT4):	_____									
Photo Direction at WPT4 (degrees):	_____			Photo nos.: (WPT4):	_____					
Photo Description (If necessary): (WPT4):	_____									
Photo Direction at WPT4 (degrees):	_____			Photo nos.: (WPT4):	_____					
Photo Description (If necessary): (WPT4):	_____									
Photo Direction at WPT4 (degrees):	_____			Photo nos.: (WPT4):	_____					
Photo Description (If necessary): (WPT4):	_____									

G5. Additional Locations: (Lat/Lon DMS and Decimal Degrees [WGS 84]; Observer Initial and Waypoint Number)

Observer
Initial
& WPT

Location #1: Lat: _____ Lon: _____

Photo Direction at **Location #1** (degrees): _____ Photo nos.: (**Location #1**): _____

Photo Description (If necessary): (**Location #1**): _____

Photo Direction at **Location #1** (degrees): _____ Photo nos.: (**Location #1**): _____

Photo Description (If necessary): (**Location #1**): _____

Photo Direction at **Location #1** (degrees): _____ Photo nos.: (**Location #1**): _____

Photo Description (If necessary): (**Location #1**): _____

Photo Direction at **Location #1** (degrees): _____ Photo nos.: (**Location #1**): _____

Photo Description (If necessary): (**Location #1**): _____

Location #2: Lat: _____ Lon: _____

Photo Direction at **Location #2** (degrees): _____ Photo nos.: (**Location #2**): _____

Photo Description (If necessary): (**Location #2**): _____

Photo Direction at **Location #2** (degrees): _____ Photo nos.: (**Location #2**): _____

Photo Description (If necessary): (**Location #2**): _____

Photo Direction at **Location #2** (degrees): _____ Photo nos.: (**Location #2**): _____

Photo Description (If necessary): (**Location #2**): _____

Photo Direction at **Location #2** (degrees): _____ Photo nos.: (**Location #2**): _____

Photo Description (If necessary): (**Location #2**): _____

Location #3: Lat: _____ Lon: _____

Photo Direction at **Location #3** (degrees): _____ Photo nos.: (**Location #3**): _____

Photo Description (If necessary): (**Location #3**): _____

Photo Direction at **Location #3** (degrees): _____ Photo nos.: (**Location #3**): _____

Photo Description (If necessary): (**Location #3**): _____

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Photo Description (If necessary): (**Location #3**): _____

Photo Direction at **Location #3** (degrees): _____ Photo nos.: (**Location #3**): _____

Photo Description (If necessary): (**Location #3**): _____

Location #4: Lat: _____ Lon: _____

Photo Direction at **Location #4** (degrees): _____ Photo nos.: (**Location #4**): _____

Photo Description (If necessary): (**Location #4**): _____

Photo Direction at **Location #4** (degrees): _____ Photo nos.: (**Location #4**): _____

Photo Description (If necessary): (**Location #4**): _____

Photo Direction at **Location #4** (degrees): _____ Photo nos.: (**Location #4**): _____

Photo Description (If necessary): (**Location #4**): _____

Photo Direction at **Location #4** (degrees): _____ Photo nos.: (**Location #4**): _____

Photo Description (If necessary): (**Location #4**): _____

Location #5: Lat: _____ Lon: _____

Photo Direction at **Location #5** (degrees): _____ Photo nos.: (**Location #5**): _____

Photo Description (If necessary): (**Location #5**): _____

Photo Direction at **Location #5** (degrees): _____ Photo nos.: (**Location #5**): _____

Photo Description (If necessary): (**Location #5**): _____

Photo Direction at **Location #5** (degrees): _____ Photo nos.: (**Location #5**): _____

Photo Description (If necessary): (**Location #5**): _____

Photo Direction at **Location #5** (degrees): _____ Photo nos.: (**Location #5**): _____

Photo Description (If necessary): (**Location #5**): _____

Location #6: Lat: _____ Lon: _____

Photo Direction at **Location #6** (degrees): _____ Photo nos.: (**Location #6**): _____

Photo Description (If necessary): (**Location #6**): _____

Photo Direction at **Location #6** (degrees): _____ Photo nos.: (**Location #6**): _____

Photo Description (If necessary): (**Location #6**): _____

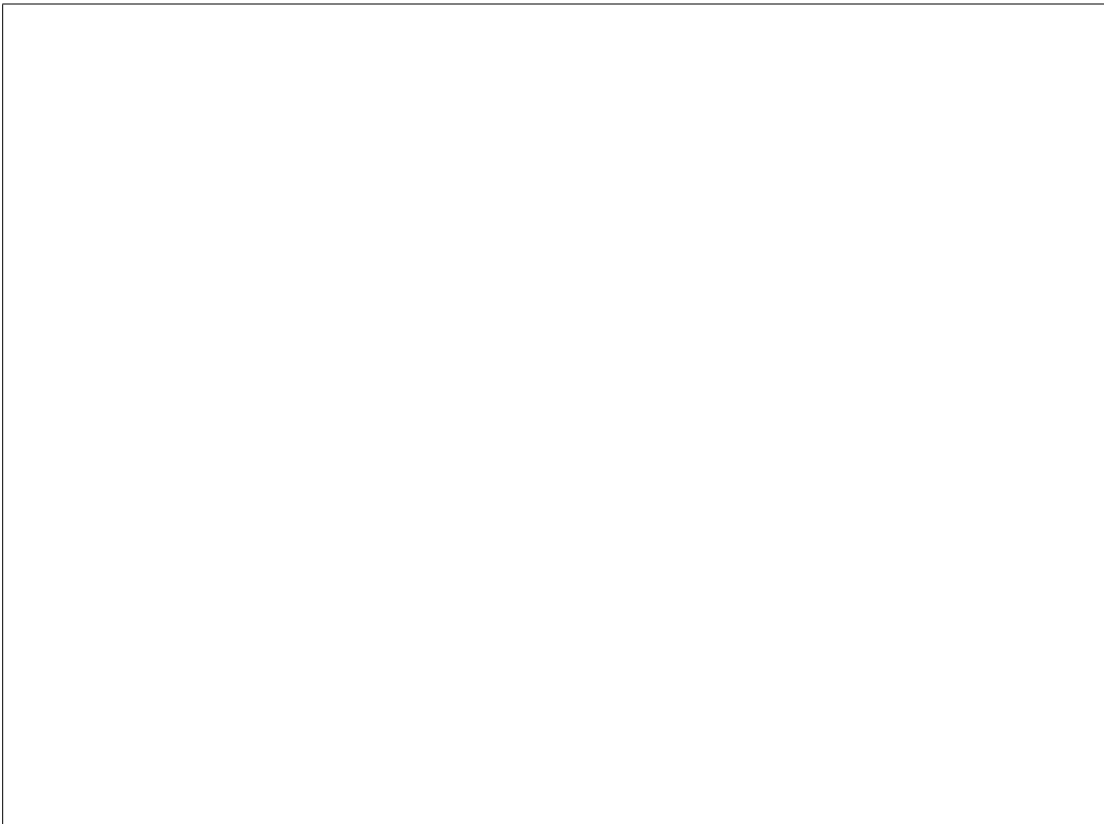
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Photo Description (If necessary): (**Location #6**): _____


Photo Direction at **Location #6** (degrees): _____ Photo nos.: (**Location #6**): _____

Photo Description (If necessary): (**Location #6**): _____

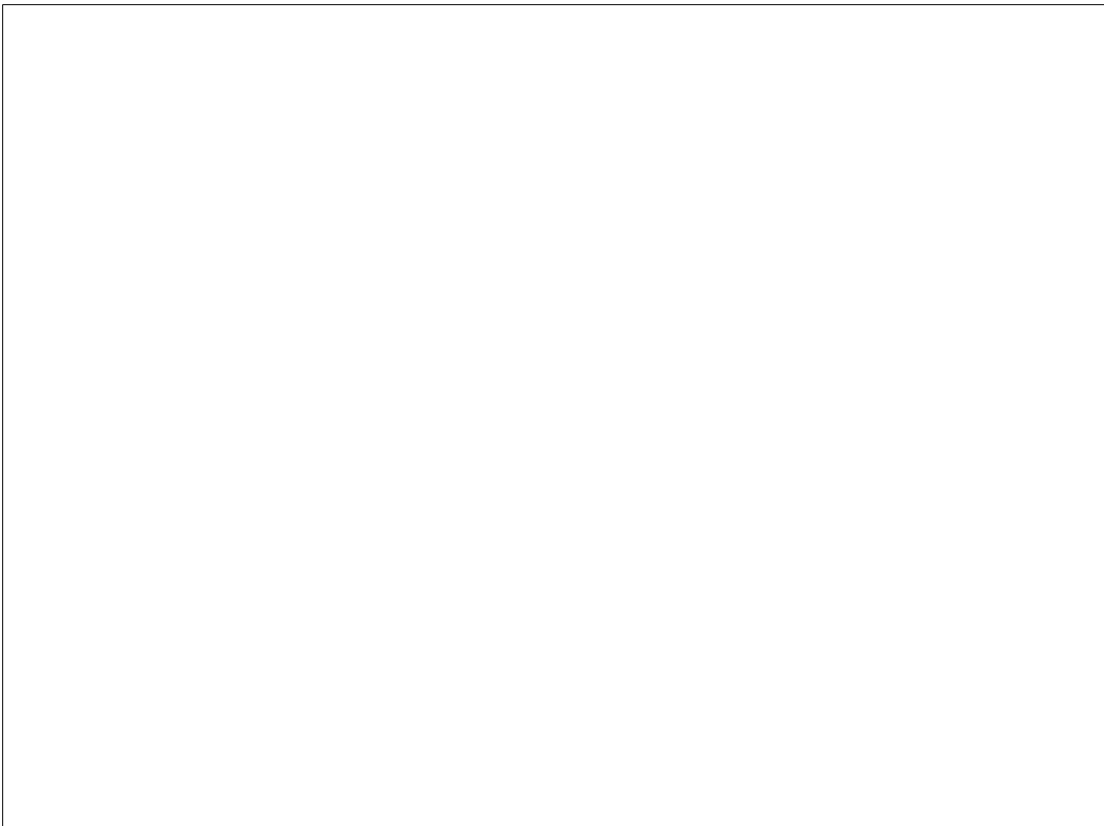
Record ID No: _____

A large, empty rectangular box with a thin black border, occupying the upper half of the page. It is intended for data entry or a drawing.A second large, empty rectangular box with a thin black border, identical in size and style to the one above, occupying the lower half of the page. It is also intended for data entry or a drawing.

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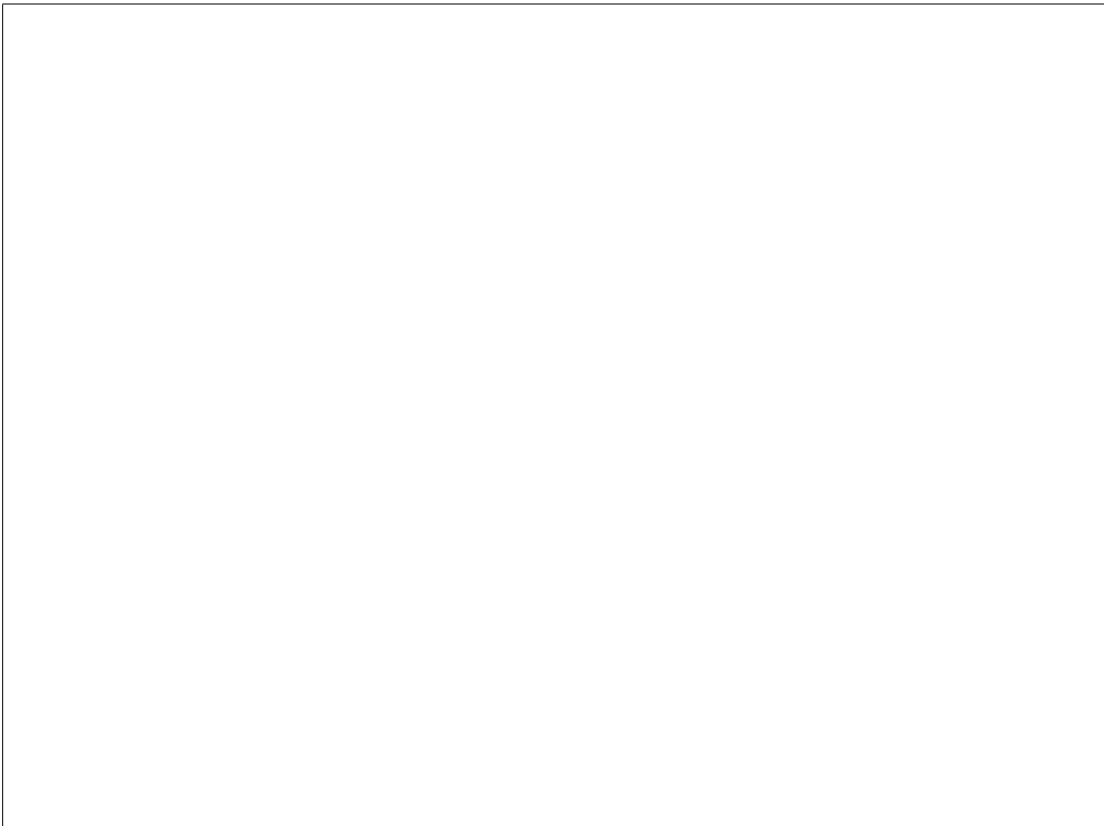
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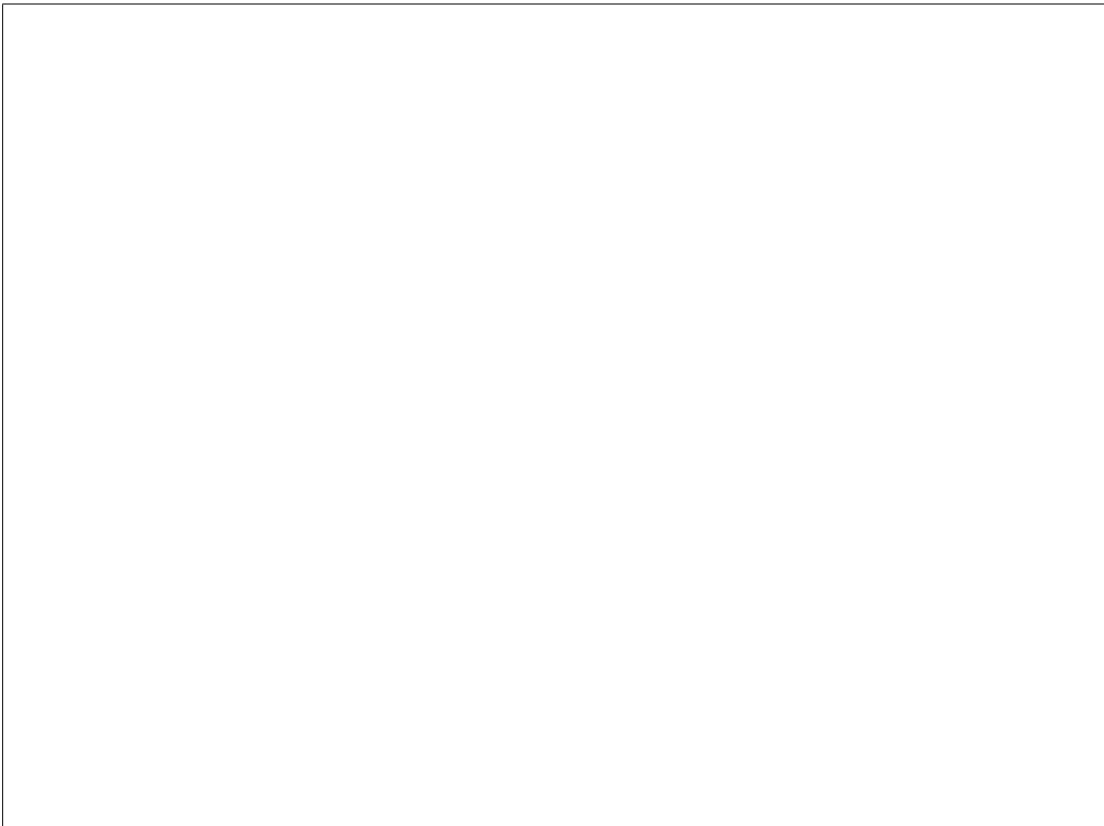
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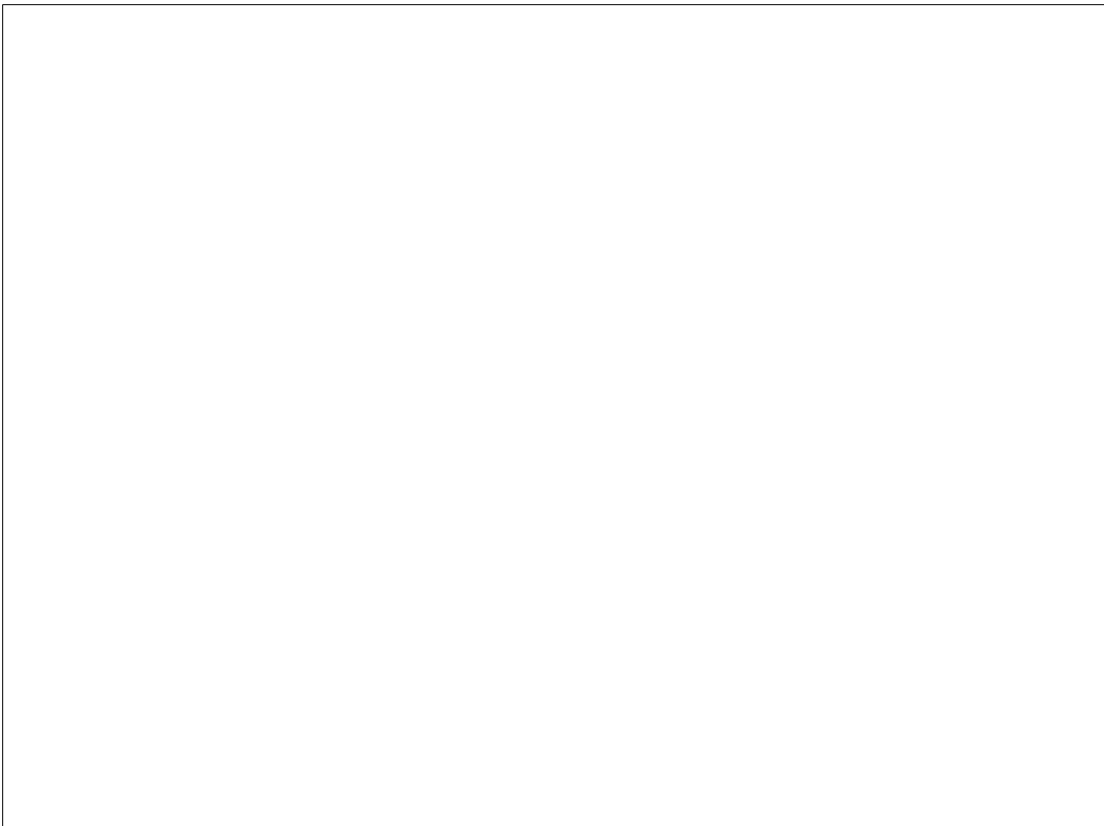
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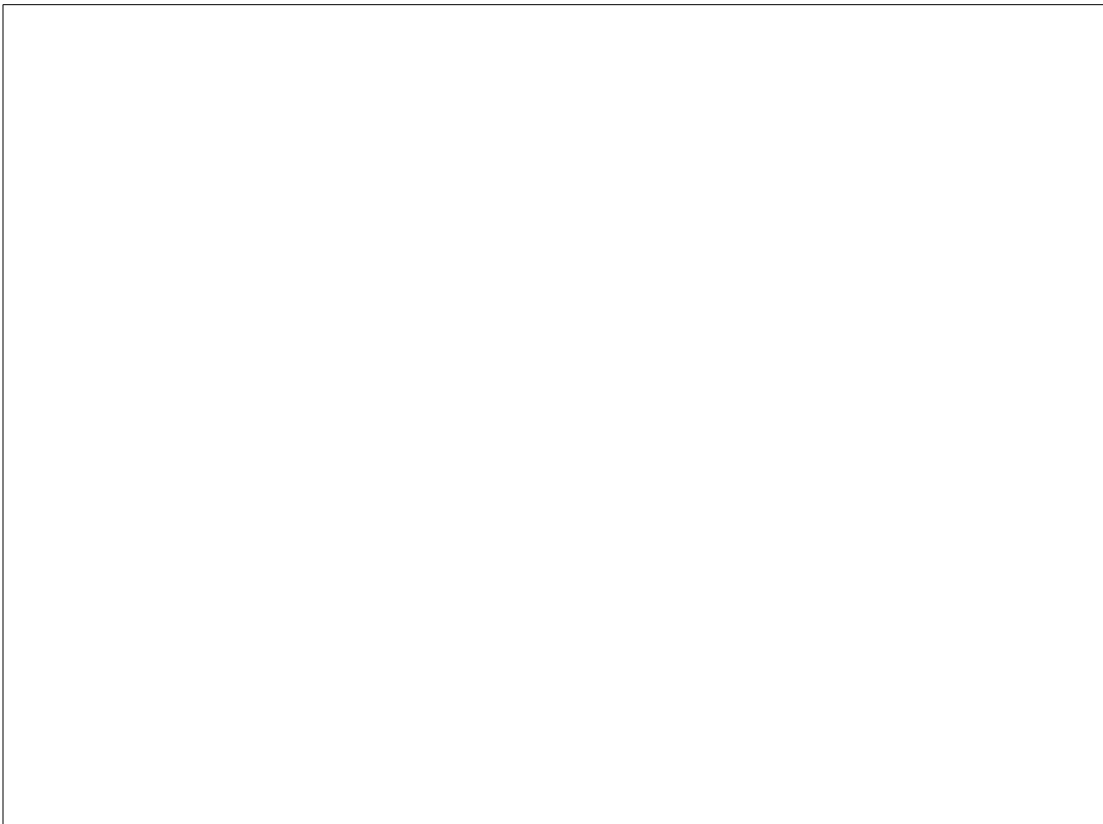
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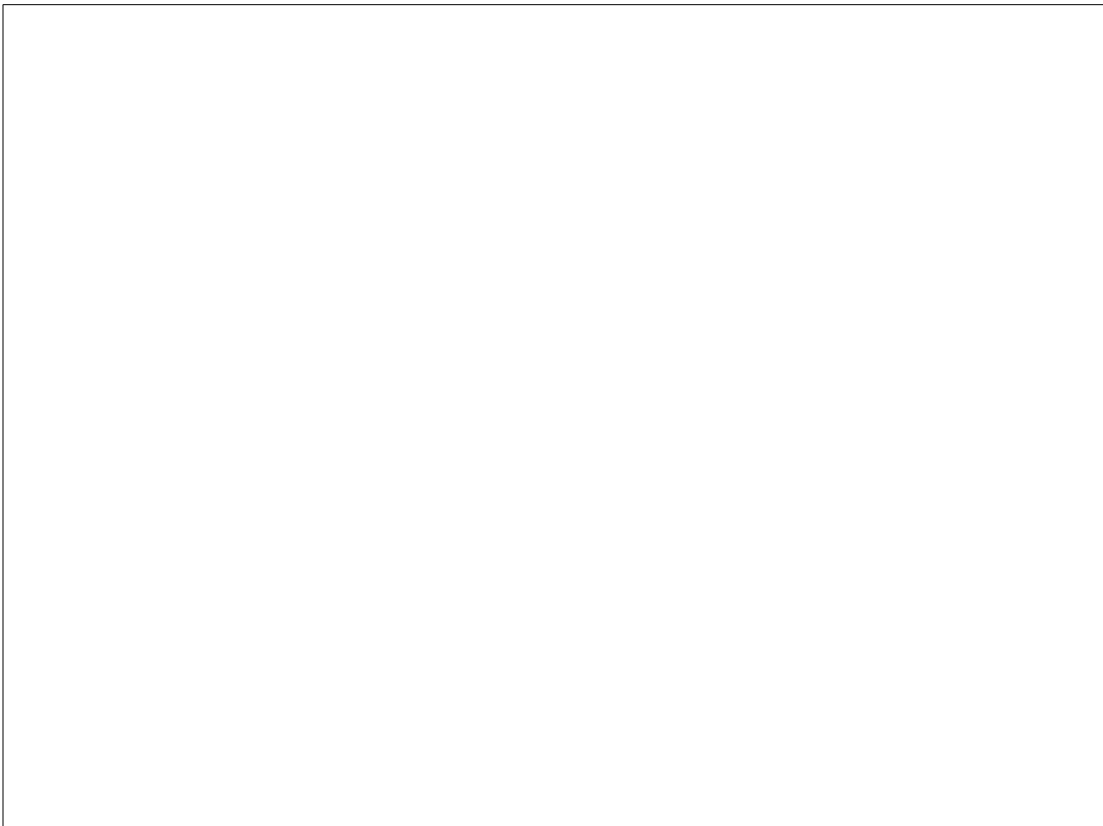
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