

CALIFORNIA DEPARTMENT OF FISH & WILDLIFE
GRAY LODGE WILDLIFE AREA
Preseason Public Information

9/23/2020

Fish & Game Code

- **FISH AND GAME CODE - FGC**
- **DIVISION 2. DEPARTMENT OF FISH AND GAME [700 - 1940]**
- *(Division 2 enacted by Stats. 1957, Ch. 456.)*
- **CHAPTER 7.5. Native Species Conservation and Enhancement [1750 - 1772]**
- *(Heading of Chapter 7.5 renumbered from Chapter 8 (as added by Stats. 1974, Ch. 898) by Stats. 1976, Ch. 1079.)*
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- **ARTICLE 2.5. Bird Habitat Conservation [1758- 1758.]**
- *(Article 2.5 added by Stats. 2013, Ch. 387, Sec. 2.)*
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- **1758.**
- The department shall annually provide an opportunity for licensed hunters to comment and make recommendations on the public hunting programs, including anticipated habitat conditions in the hunting areas on Type A and Type B Wildlife Areas, as defined under the commission's regulations, through public meetings or other public outreach. In complying with this section, the department may hold regional meetings on its hunting programs for several different wildlife areas.
- *(Added by Stats. 2013, Ch. 387, Sec. 2. Effective January 1, 2014.)*

Gray Lodge Wildlife Area Purpose

Purpose

- ❖ Lee Act
 - 2,500 acres of wetland for migratory birds
 - Depredation of crops by migratory birds
- ❖ Provide habitat for Fish & Wildlife
 - Migratory
 - Resident
- ❖ Public Trust
- ❖ Recreation

Gray Lodge Wildlife Area Agenda

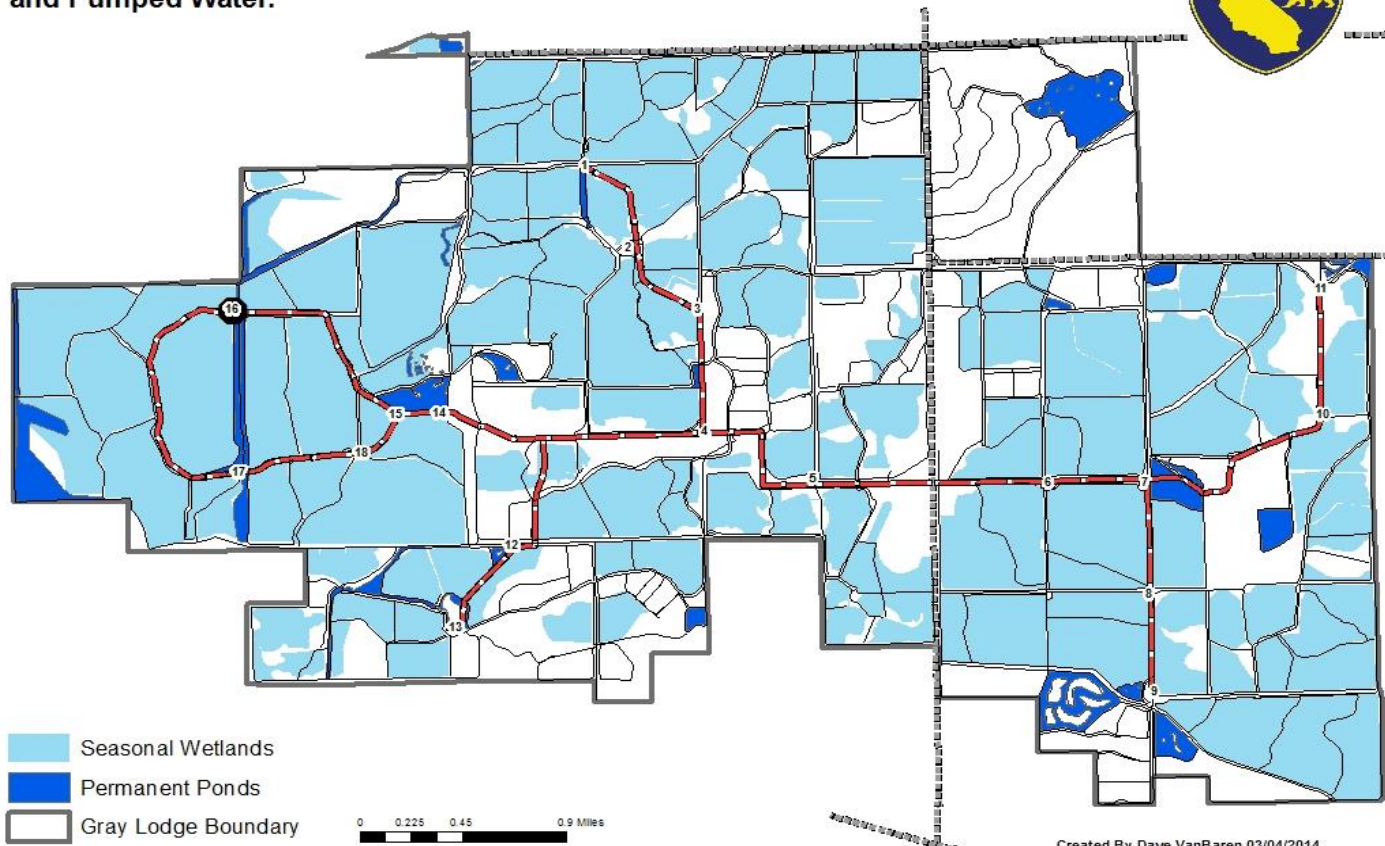
1. Water
2. Flood Up Schedules
3. Field Rehabilitation Last year & Proposed
4. Irrigated Uplands & Ponds
5. Discussion

Gray Lodge Wildlife Area #1

1) Water

100 % Level II Allocation

Gray Lodge Flooded Acres
100% Allocation of Level II Water Deliveries
Level II Full Allocation is 35,400 AF
Includes CVP Yeild, District Allocation
and Pumped Water.



Central Valley Project Improvement ACT

- Public Law 102-575 Title XXXIV, also known as The Central Valley Project Improvement Act of 1992 (CVPIA), by the year **2002** the United States Bureau Of Reclamation(USBR) is obligated to deliver water, to the refuge boundary, in the amount of **44,000** af per year for optimum habitat management. This water is defined as Level II (3406 (d) (1)) and Incremental Level IV (3406 (d) (2)) in accordance with the Dependable Water Supply Needs Table (Table IV F-1) of the US Department of Interiors Bureau of Reclamation, Mid Pacific Region, “Report on Refuge Water Supply Investigations” March 1989 (89 Report). As a result of the passage of the CVPIA, GLWA has a water allocation of 35,400 af of Level II water and 8,600 af of Incremental Level IV water.

GLWA & CVPIA

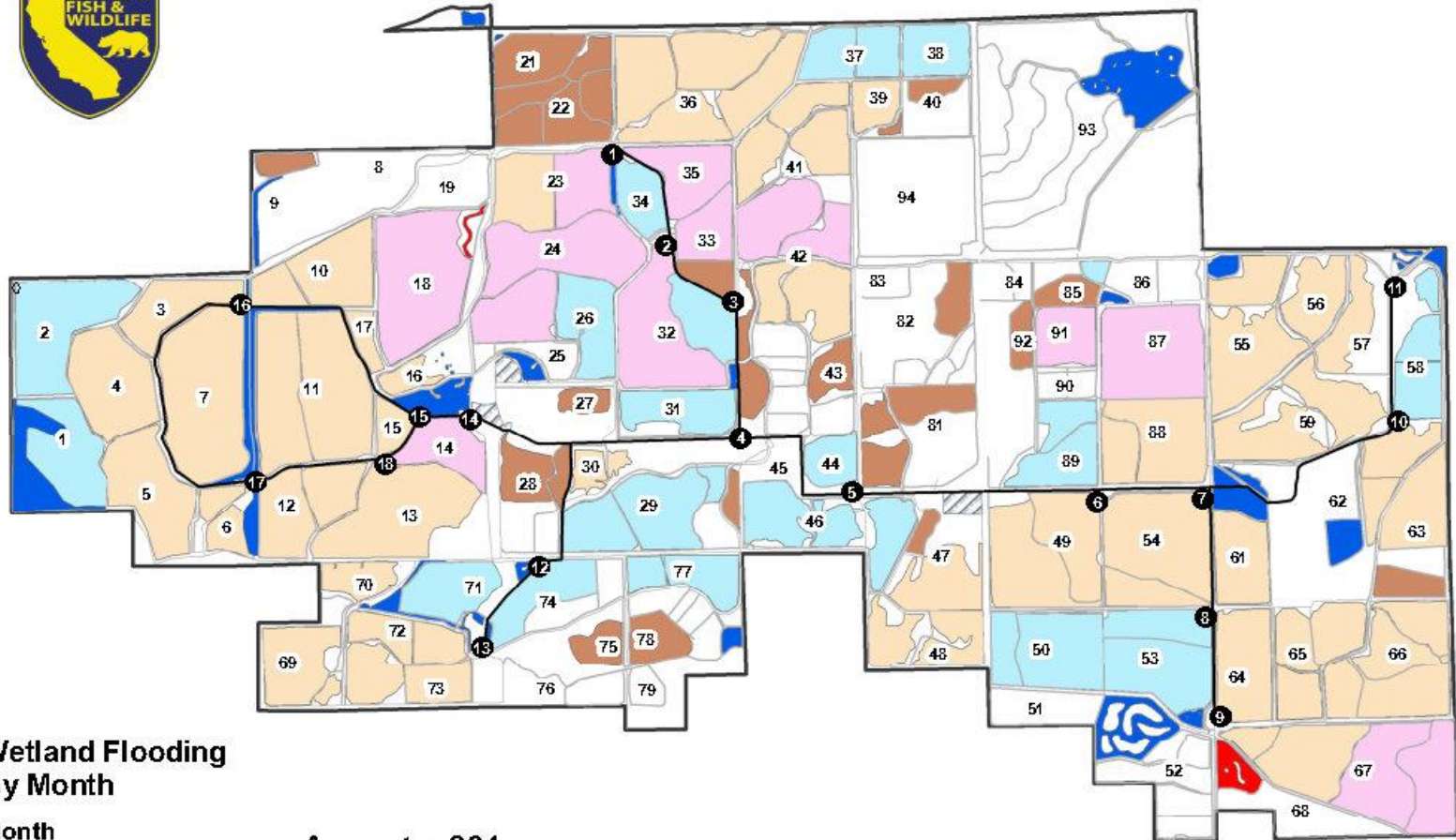
- Level II Water Supplies 35,400 acre feet (AF)
 - Ten year Average (1989 report USBR)
- Incremental Level IV 8,600 acre feet
 - additional water for optimal management
 - **By 2002 44,000 AF annually**
- Level II water can only be cut by 25%
 - Critically dry year (26,650 AF)
 - Mitigation for CVP historical & current

Gray Lodge Wildlife Area #2

2) Flood Up Schedules



2020 Flooding Schedule



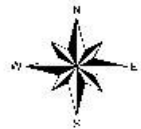
Wetland Flooding By Month

Month

- August
- September
- October
- Late

August = 904 acres
September = 2,793 acres
October = 1,141 acres
Late = 482 acres
Total Acres Flooded = 5,320 acres

Flooded by End of October
Hunt Area = 3,503 acres
Closed Area = 1,335 acres
Total Acres = 4,838 acres



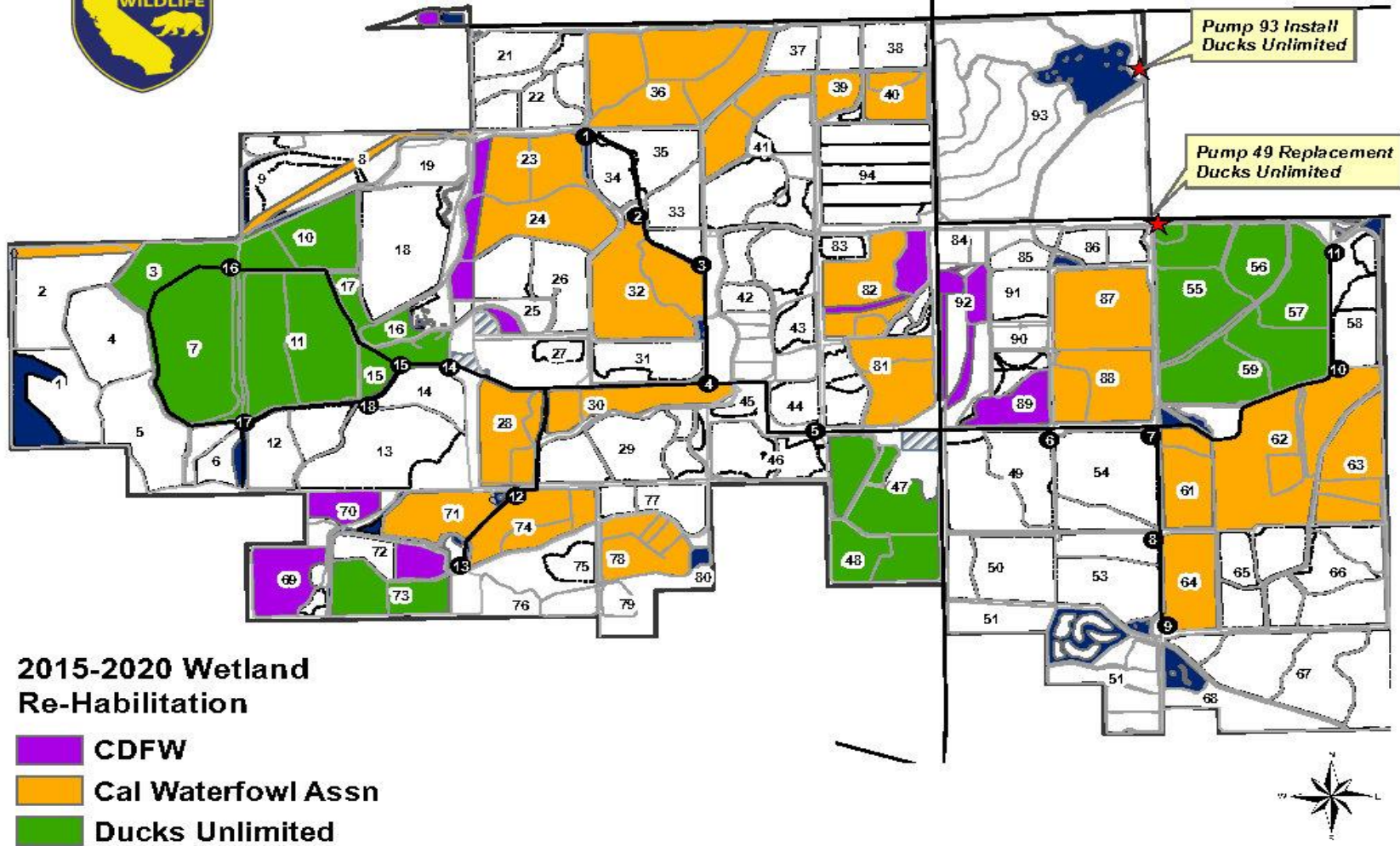
Gray Lodge Wildlife Area #3

2) Flood Up Schedules

**3) Field Rehabilitation Current & Previous
Years**



Gray Lodge Wildlife Area 2015-2020 Construction

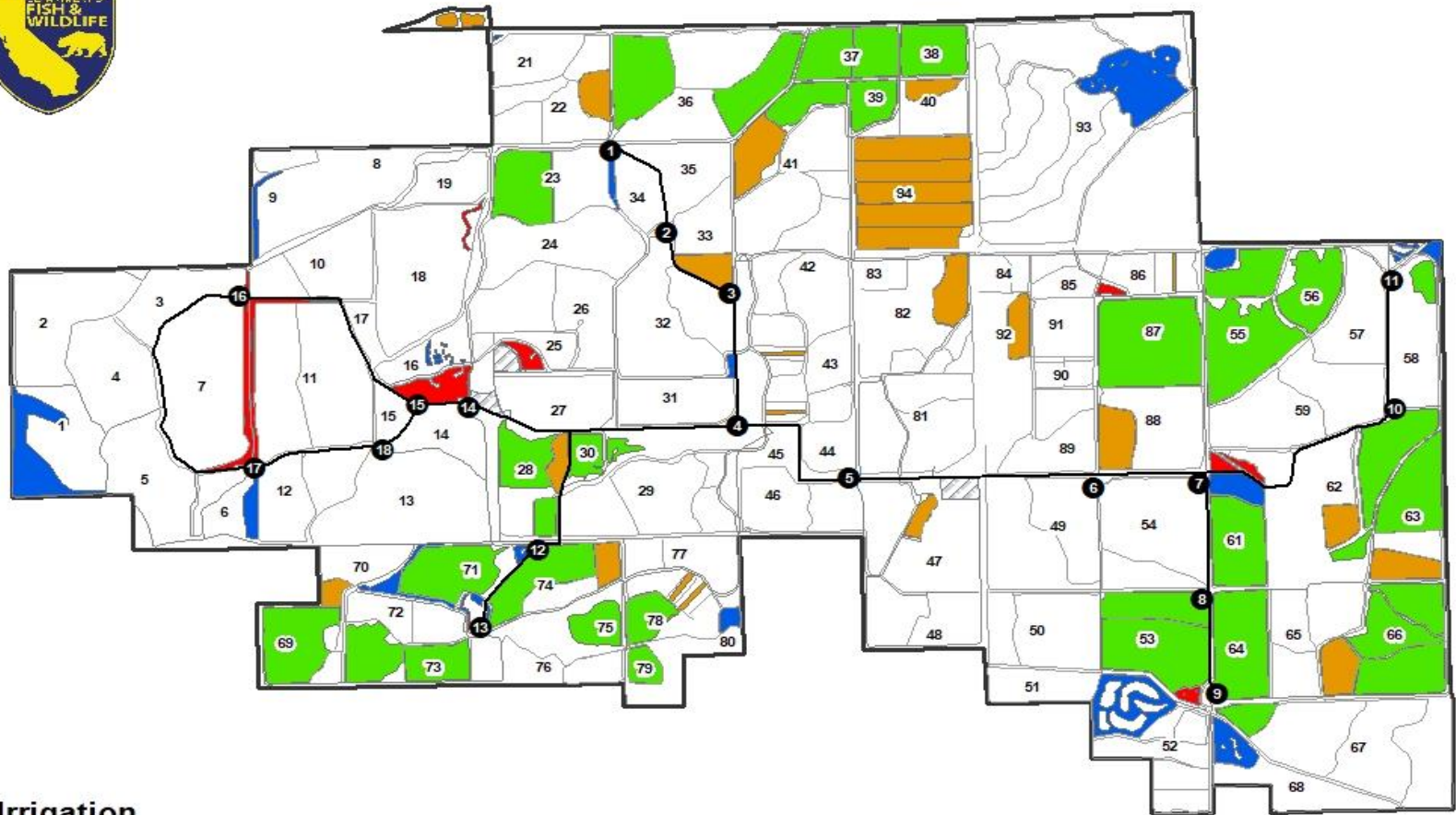


Gray Lodge Wildlife Area #4

- 2) Flood Up Schedules
- 3) Projects (Field Rehabilitation)
- 4) Summer Water & Irrigated Ponds**



2020 Summer Habitats



- Irrigation
- Summer Water
- Permanent Ponds
- Dry
- Flooded

Summer Water = 381
Irrigated = 1,340
Total Acres Flooded = 1,966

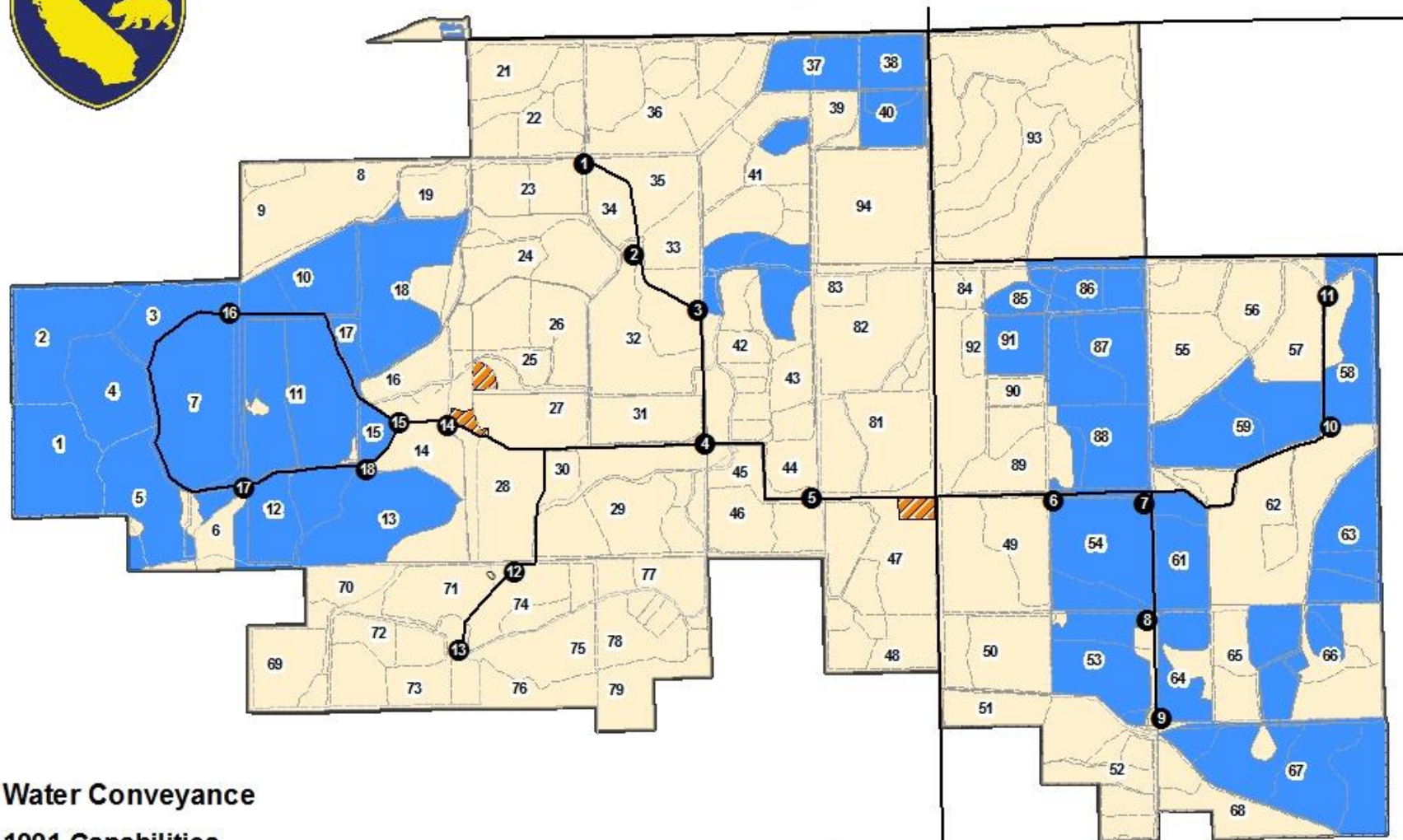


Gray Lodge Wildlife Area #5

- 2) Flood Up Schedules
- 3) Projects (Field Rehabilitation)
- 4) Irrigated Uplands & Ponds
- 5) Discussion**





Gray Lodge Wildlife Area Management Units Above Ground Water Capabilities 1991



Water Conveyance

1991 Capabilities

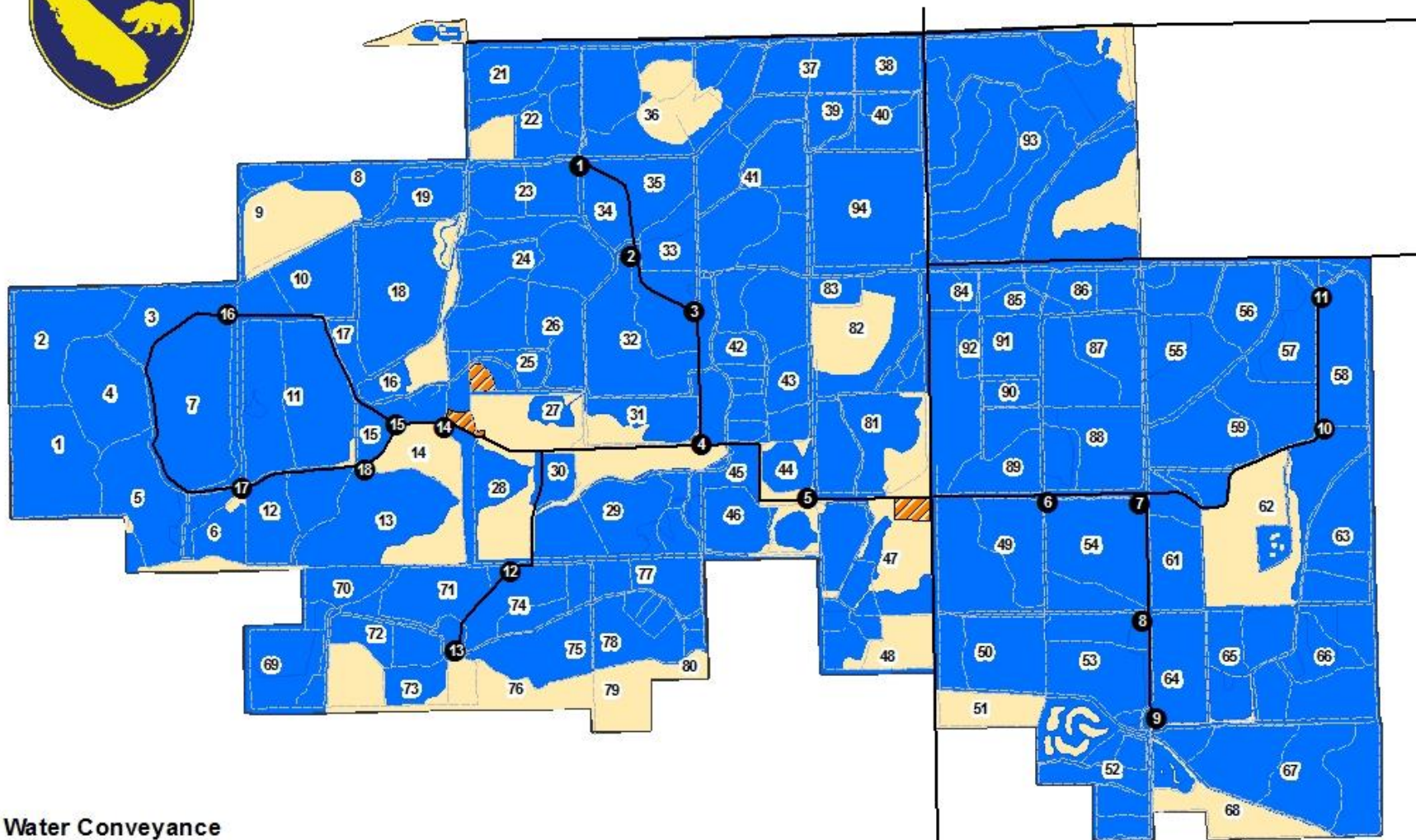
-  Delivery Canals - 2,943 ac 32%
-  Pumps or no Water - 6,245 ac 68%

0 0.25 0.5 1 Miles







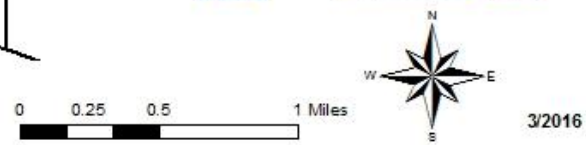
Gray Lodge Wildlife Area Management Units Above Ground Water Capabilities 2016



Water Conveyance

2016 Capabilities

-  Delivery Canals - 7,930 ac 86%
-  Pumps or no Water - 1,259 14%



Discussion Points #1

- Due to construction activities on the main water intakes water was shut off on the East side from June 1 – September 16th. All water will be shut off to the area on October 15th for the remainder of the winter.

Discussion Points #2

- This year the Auto Tour route was also restored. The fields were recontoured to facilitate flood up and draining. The main levee road had the side slopes expanded and turnouts added to improve safety and reduce congestion on the loop.

Discussion Points #3

- A mobility impaired fishing pier was also installed at parking lot 14.

We can all enjoy moments like
these.....











Thanks for tuning in!! Area Staff and volunteers of the GLWA will do everything they can to ensure upon your return to the Area it doesn't look like this!!!



But more like this!!!

