ABEF 075AF

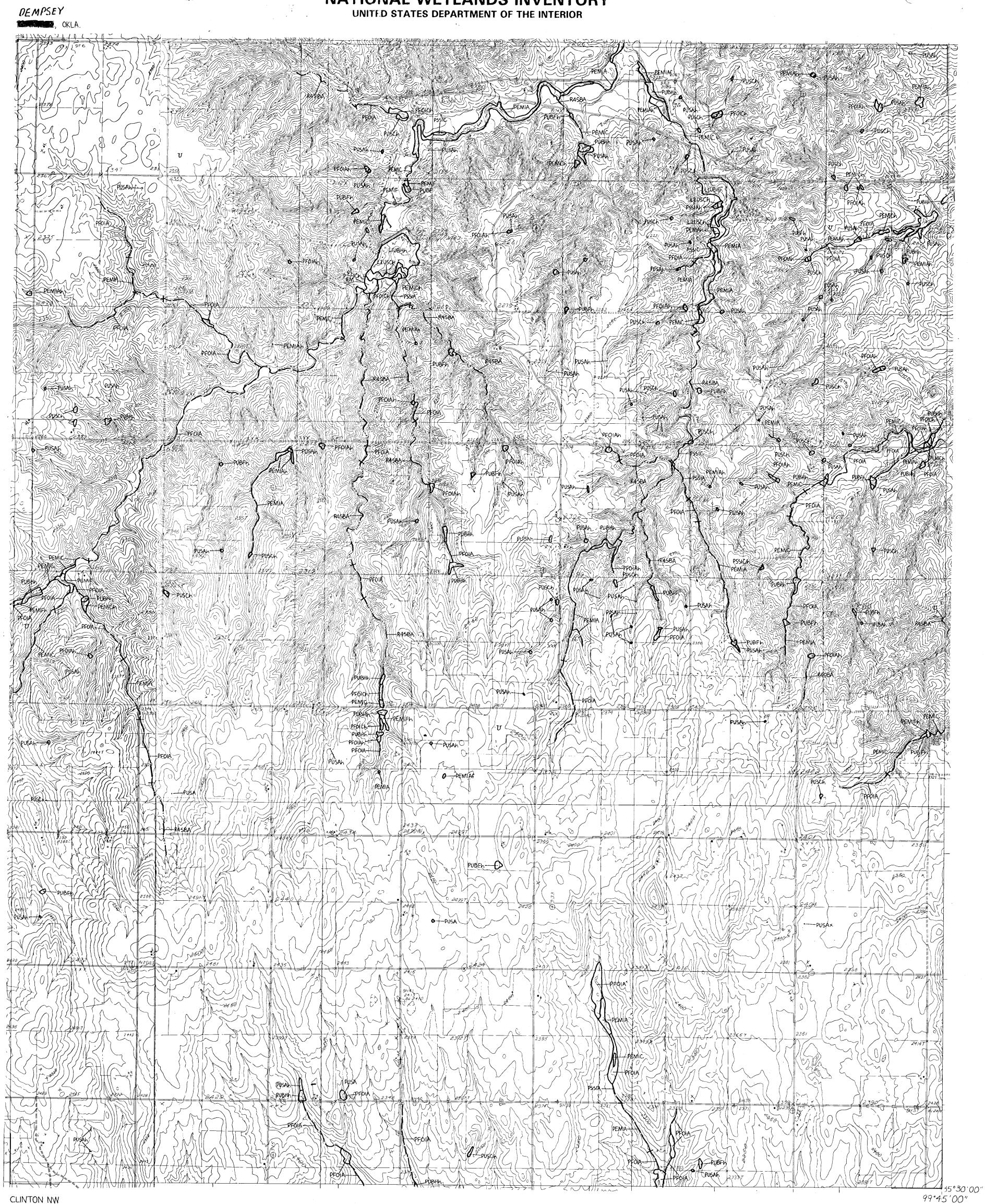
PLAN HOLD CORPORATION • IRVINE, CALIFORNIA

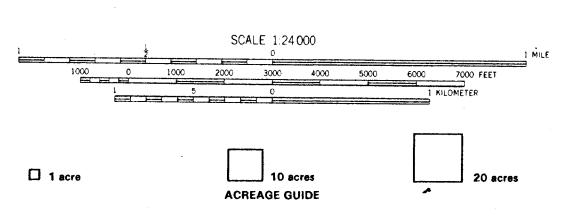
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PLAN HOLD CORPORATION

REORDER BY NUK

## NATIONAL WETLANDS INVENTORY





CLINTON NW FOSS RESERVOIR

Other information including a narrative report concerning the wetland resources depicted on this document may be available. For information, contact:

> Regional Director (ARDE) Region II U.S. Fish and Wildlife Service P.O. Box 1306 Albuquerque, New Mexico 87103

SPECIAL NOTE

This document was prepared primarily by stereoscopic analysis of high altitude aerial photographs. Wetlands were identified on the photographs based on vegetation, visible hydrology, and geography in accordance with Classification of Wetlands and Deepwater Habitats of the United States (FWS/OBS - 79/31 December 1979). The aerial photographs typically reflect conditions during the specific year and season when they were taken. In addition, there is a margin of error inherent in the use of the aerial photographs. Thus, a detailed on the ground and historical analysis of a single site may result in a revision of the wetland boundaries established through photographic interpretation. In addition, some small wetlands and those obscured by dense forest cover may not be included on this document.

Federal, State and local regulatory agencies with jurisdic-SPECIAL NOTE

Federal, State and local regulatory agencies with jurisdiction over wetlands may define and describe wetlands in a different manner than that used in this inventory. There is no attempt, in either the design or products of this inventory, to define the limits of proprietary jurisdiction of any Federal, State or local government or to establish the geographical scope of the regulatory programs of government agencies. Persons intending to engage in activities involving modifications within or adjacent to wetland areas should seek the advice of appropriate Federal, State or local agencies concerning specified agency regulatory programs and proprietary jurisdictions that may affect such activities.

Primarily represents upland areas, but may include unclassified wetlands such as man-modified areas, non photo-identifiable areas and/or unintentional omissions.

TYPE: TYPE: TYPE:

SYMBOLOGY EXAMPLE SUBSYSTEM CLASS L2EM2F SUBCLASS, WATER REGIME UPLAND (NON-WETLAND) - **R20WH** (LINEAR DEEPWATER HABITAT)

NOTES TO THE USER Wetlands which have been field examined are indicated on the map by an asterisk (\*). on the map by an asterisk (\*).
Additions or corrections to the wetlands information displayed on this map are solicited. Please forward such information to the address indicated.
Subsystems, Classes, Subclasses, and Water Regimes in *Italics* were developed specifically for NATIONAL WETLANDS INVENTORY mapping.
Some areas designated as R4SB, R4SBW, OR R4SBJ (INTERMITTENT STREAMS) may not meet the definition of wetland. tion of wetland. This map uses the class Unconsolidated Shore (US).
On earlier NWI maps that class was designated Beach/Bar (BB), or Flat (FL). Subclasses remain the same in both

**AERIAL PHOTOGRAPHY** 



g Organic n Mineral

U.S. DEPARTMENT OF THE INTERIOR FISH AND WILDLIFE SERVICE Prepared by National Wetlands Inventory

1989

SYSTEM SUBSYSTEM	M — MARINE												E — ESTUARINE												SYSTEM
		1 — \$1	- SUBTIDAL				2 - INTE	RTIDAL				1	- SUBTIDAL							2 — IN	T TERTIDAL				SUBSYSTI
CLASS	RB — ROCK BOTTOM	UB — UNCONSOLIDATE BOTTOM	ED AB - AQUATIC BED	RF REEF C	] W — OPEN WATER/ Unknown Bottom	AB — AQUATIC BED	RF — REEF	RS — ROCKY SHOP	RE US UNCONSOLI SHORE	IDATED R8	ROCK BOTTOM	UB — UNCONSOL BOTTOM	DATED AB - AQUAT	IC BED RF RI	EF OW — OPEN WATER Unknown Bottom	/ AB	- AQUATIC BED	RF REEF	SB — STREAMBED	RS — RÓCKY SHORE	US — UNCONSOLID SHORE	ATED EM - EMERGEN	T SS — SCRUB-SHRUB	FO — FORESTED	CLASS
Subclass	1 Bedrock 2 Rubble	1 Cobble-Grave! 2 Sand 3 Mud 4 Organic	1 Algal 3 Rooted Vascular 5 Unknown Submergent	1 Coral 3 Worm		1 Algal 3 Rooted Vascular 5 <i>Unknown Submergen</i>	1 Corat 3 Worm	1 Bedrock 2 Rubble	1 Cobble Gravel 2 Sand 3 Mud 4 Organic		edrock ubb!e	1 Cobble-Gravel 2 Sand 3 Muđ 4 Organic	1 Algal 3 Rooted Vass 4 Floating Va 5 Unknown S 6 Unknown S	scular	sc	1 Al 3 Rd 4 Fi 5 <i>Ud</i> 6 <i>Ud</i>	lgal ooted Vascular toating Vascular Inknown Submergent Inknown Surface	2 Mollusc 3 Worm	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic	1 Bedrock 2 Rubble	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic	1 Persistent 2 Norpersistent	1 Broad-Leaved Deciduous 2 Needle-Leaved Deciduous 3 Broad-Leaved Evergreen 4 Needle-Leaved Evergreen 5 Dead 6 Deciduous 7 Evergreen	1 Broad-Leaved Deciduous 2 Needle-Leaved Deciduous 3 Broad-Leaved Evergreen 4 Needle-Leaved Evergreen 5 Dead 6 Deciduous 7 Evergreen	Subclass
SYSTEM	R — RIVERINE												_			L —	- LACUSTRINE					•			SYSTEM
BSYSTEM	1 — TIDAL		2 I OW	ER PERENI		JPPER PERENNIA	. 4 —	INTERMITTEN	T 5 UNK	NOWN PERE	NNIAI		1 LIMI	NETIC						2 – L	T ITTORAL		•		SUBSYSTI
CLASS	RB — ROCK	UB — UNCONSOLI BOTTOM			B AQUATIC BED	RS ROCKY SHORE	US — UNCO SHOR		EM — EMERGENT	OW — OPEN WA Unknown Botto	ATER/	RB — ROCK BOTTOM	UB — UNCONSOLIDA BOTTOM	TED AB AQUATIC BED	OW — OPEN W Unknown Botto	ATER/ m	RB — ROCK U	B - UNCONSO BOTTOM	LIDATED AB — AC		RS - ROCKY L SHORE	IS — UNCONSOLIDATEI SHORE	EM - EMERGENT	OW OPEN WATER/ Unknown Bottom	CLASS
Subclass	1 Bedrock 2 Rubble	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic	1 Bedrock 2 Rubble 3 Cobble-Gi 4 Sand 5 Mud 6 Organic 7 Vegetated	ravel 2 4 5	Algal Aquatic Moss Rooted Vascular Floating Vascular Unknown Submergent Unknown Surface	1 Bedrock 2 Rubble	1 Cobble-Gra 2 Sand 3 Mud 4 Organic 5 Vegetated	ivel 2	Nonpersistent				1 Cobble-Gravel 2 Sand 3 Mud 4 Organic	1 Algal 2 Aquatic Moss 3 Rooted Vascul 4 Floating Vascu 5 Unknown Sub 6 Unknown Surf	nr Iar nergent nece		2 Rubble 2	Cobble-Gravel Sand Mud Organic	1 Algal 2 Aquatic 3 Rocted 4 Floating 5 Unknow 6 Unknow	: Moss Vascular g Vascular vn Submergent vn Surface	2 Rubble 2	Cobble-Gravel Sand Mud Organic Vegetated	2 Nonpersistent		Subclass
	*STREAMBED is limited to TIDAL and INTERMITTENT SUBSYSTEMS, and comprises the only CLASS in the INTERMITTENT SUBSYSTEM. **EMERGENT is limited to TIDAL and LOWER PERENNIAL SUBSYSTEMS. The remaining CLASSES are found in all SUBSYSTEMS.											MODIFIERS  In order to more adequately describe wetland and deepwater habitats one or more of the water regime, water chemistry, soil, or special modifiers may be applied at the class or lower level in the hierarchy. The farmed modifier may also be applied to the ecological system.													
					P — PALU							•	WATER REGIME . WATER CHEMISTRY							, and so applied to the so	0.0g.00i 973i0			l	