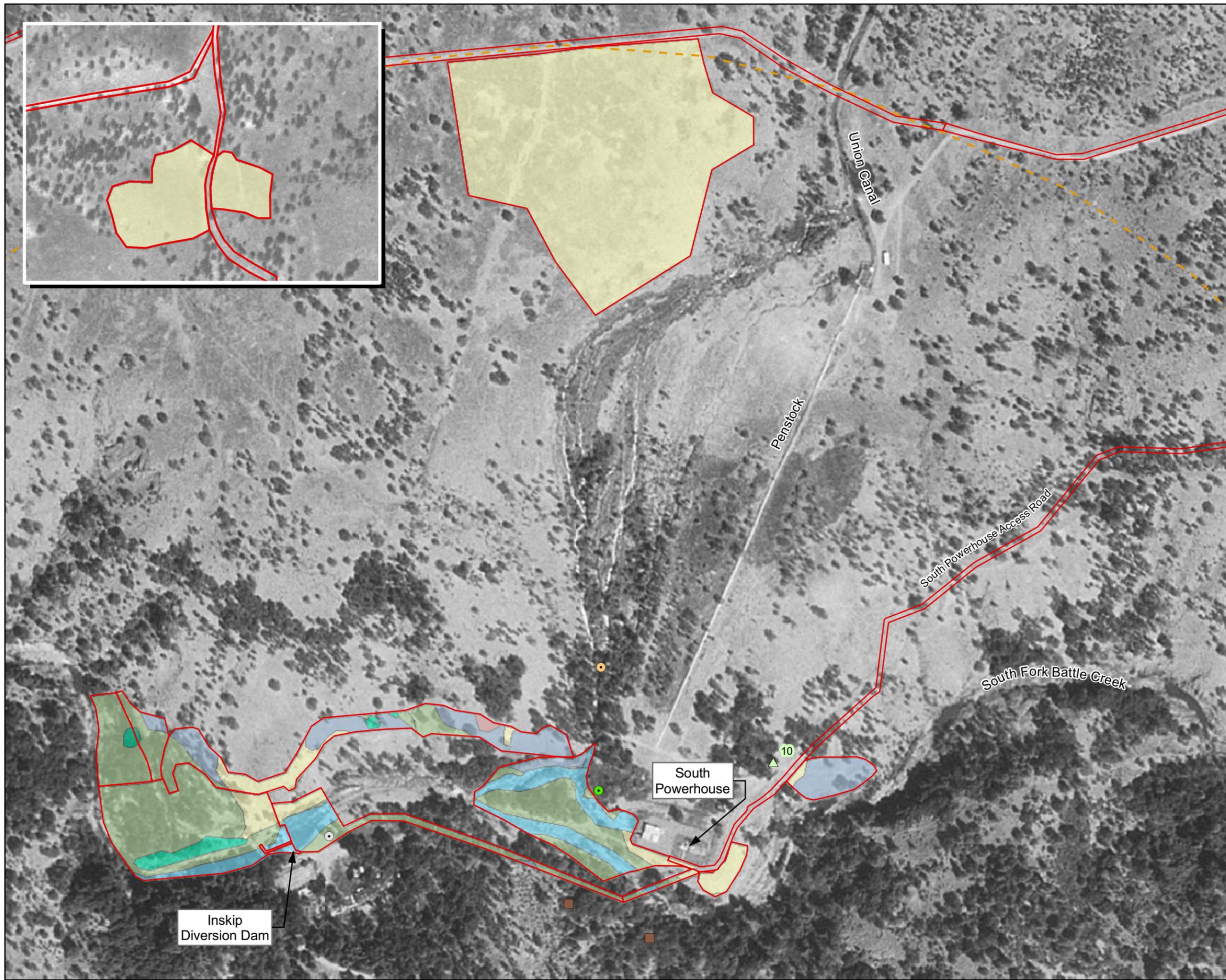


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**FIGURE L-7**

**BIOLOGICAL RESOURCES**  
**INSKIP DIVERSION DAM / SOUTH POWERHOUSE PROJECT SITE**

**HABITAT TYPES**

	ANNUAL GRASSLAND		RIPARIAN FOREST / RIPARIAN SCRUB
	BLUE OAK WOODLAND / SAVANNA		WETLAND
	LIVE OAK WOODLANDS		OTHER WATERS OF THE U.S.

**BIOLOGICAL RESOURCES**

	FOOTHILL YELLOW-LEGGED FROG SIGHTING
	GOLDEN EAGLE SIGHTING
	OSPREY SIGHTING
	ELDERBERRY SHRUB
	UNOCCUPIED RAPTOR NEST
	0.5 MILE BUFFER OF UNOCCUPIED RAPTOR NESTS (APPLIES TO OCCUPIED NESTS ONLY)

**BOUNDARIES**

	CONSTRUCTION BOUNDARY
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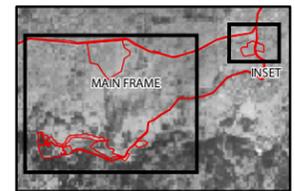
HABITAT TYPE	AREA (ACRES)
ANNUAL GRASSLANDS	15.29
BLUE OAK WOODLAND / SAVANNA	1.93
LIVE OAK WOODLANDS	5.79
RIPARIAN FOREST / RIPARIAN SCRUB	0.05
WETLAND	0.40
OTHER WATERS OF THE U.S.	2.21

**TOTAL AREA AFFECTED** **25.67**

ACCESS ROADS EXISTING, NO ADDITIONAL IMPACTS  
 THE AFFECTED ACRES OF WETLANDS AND OTHER WATERS OF THE U.S. WERE CALCULATED USING CONSTRUCTION DESIGN DRAWINGS PROVIDED BY RECLAMATION TO SATISFY THE REQUIREMENTS OF SECTION 404 OF THE CLEAN WATER ACT.



SOURCE: U.S. Geological Survey Digital Orthophoto Quarter Quadrangles 1998



Prepared for the U.S. Department of Interior,  
 Bureau of Reclamation, and the  
 State Water Resources Control Board  
 by Jones & Stokes  
 July 2005

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**FIGURE L-8**  
**BIOLOGICAL RESOURCES**  
 LOWER RIPLEY CREEK FEEDER  
 DIVERSION DAM PROJECT SITE

**HABITAT TYPES**

-  RIPARIAN FOREST/RIPARIAN SCRUB
-  OTHER WATERS OF THE U.S.

**BIOLOGICAL RESOURCES**

-  WILLOW FLYCATCHER SIGHTING
-  FOOTHILL YELLOW-LEGGED FROG SIGHTING
-  WESTERN POND TURTLE SIGHTING
-  ELDERBERRY SHRUB

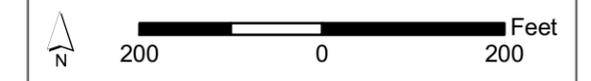
**BOUNDARIES**

-  CONSTRUCTION BOUNDARY

HABITAT TYPE	AREA (ACRES)
RIPARIAN FOREST / RIPARIAN SCRUB	0.46
OTHER WATERS OF THE U.S.	0.02
<b>TOTAL AREA AFFECTED</b>	<b>0.48</b>

ACCESS ROADS EXISTING, NO ADDITIONAL IMPACTS

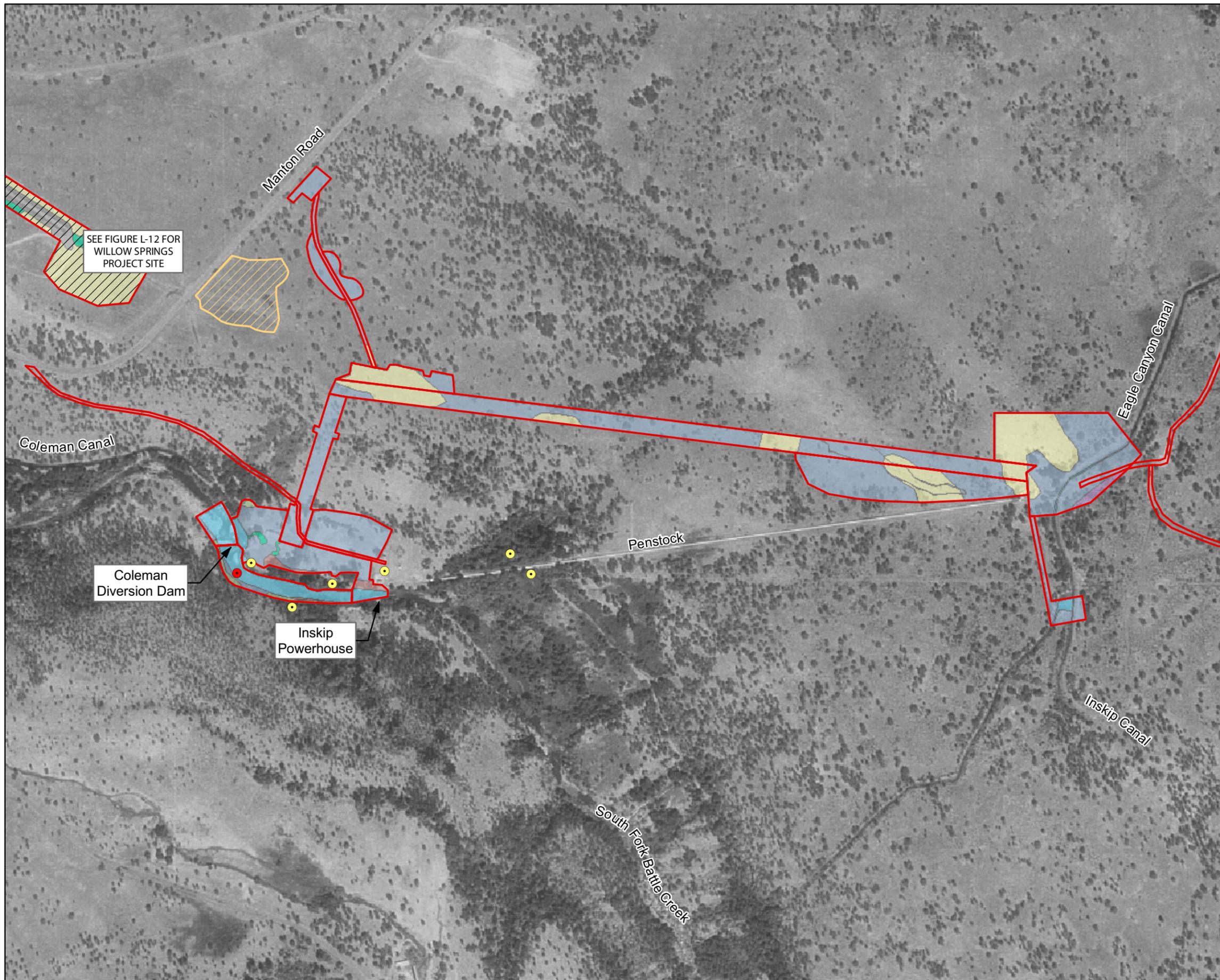
THE AFFECTED ACREAGES OF WETLANDS AND OTHER WATERS OF THE U.S. WERE CALCULATED USING CONSTRUCTION DESIGN DRAWINGS PROVIDED BY RECLAMATION TO SATISFY THE REQUIREMENTS OF SECTION 404 OF THE CLEAN WATER ACT.



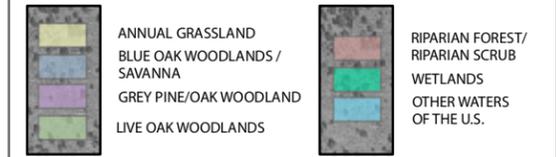
SOURCE: U.S. Geological Survey Digital Orthophoto Quarter Quadrangles 1998

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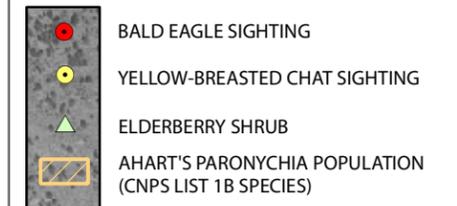
**FIGURE L-9**  
**BIOLOGICAL RESOURCES**  
**COLEMAN DIVERSION DAM /**  
**INSKIP POWERHOUSE PROJECT SITE**



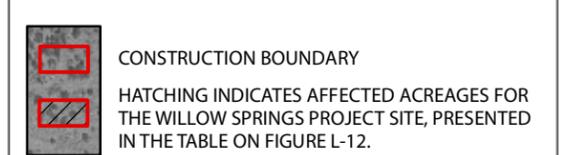
**HABITAT TYPES**



**BIOLOGICAL RESOURCES**



**BOUNDARIES**



HABITAT TYPE	AREA (ACRES)
ANNUAL GRASSLANDS	6.23
BLUE OAK WOODLANDS / SAVANNA	20.32
GREY PINE / OAK WOODLAND	0.30
LIVE OAK WOODLAND	0.26
RIPARIAN FOREST / RIPARIAN SCRUB	0.40
WETLANDS	0.59
OTHER WATERS OF THE U.S.	2.12

**TOTAL AREA AFFECTED 30.22**

ACCESS ROADS EXISTING, NO ADDITIONAL IMPACTS

THE AFFECTED ACRES OF WETLANDS AND OTHER WATERS OF THE U.S. WERE CALCULATED USING CONSTRUCTION DESIGN DRAWINGS PROVIDED BY RECLAMATION TO SATISFY THE REQUIREMENTS OF SECTION 404 OF THE CLEAN WATER ACT.

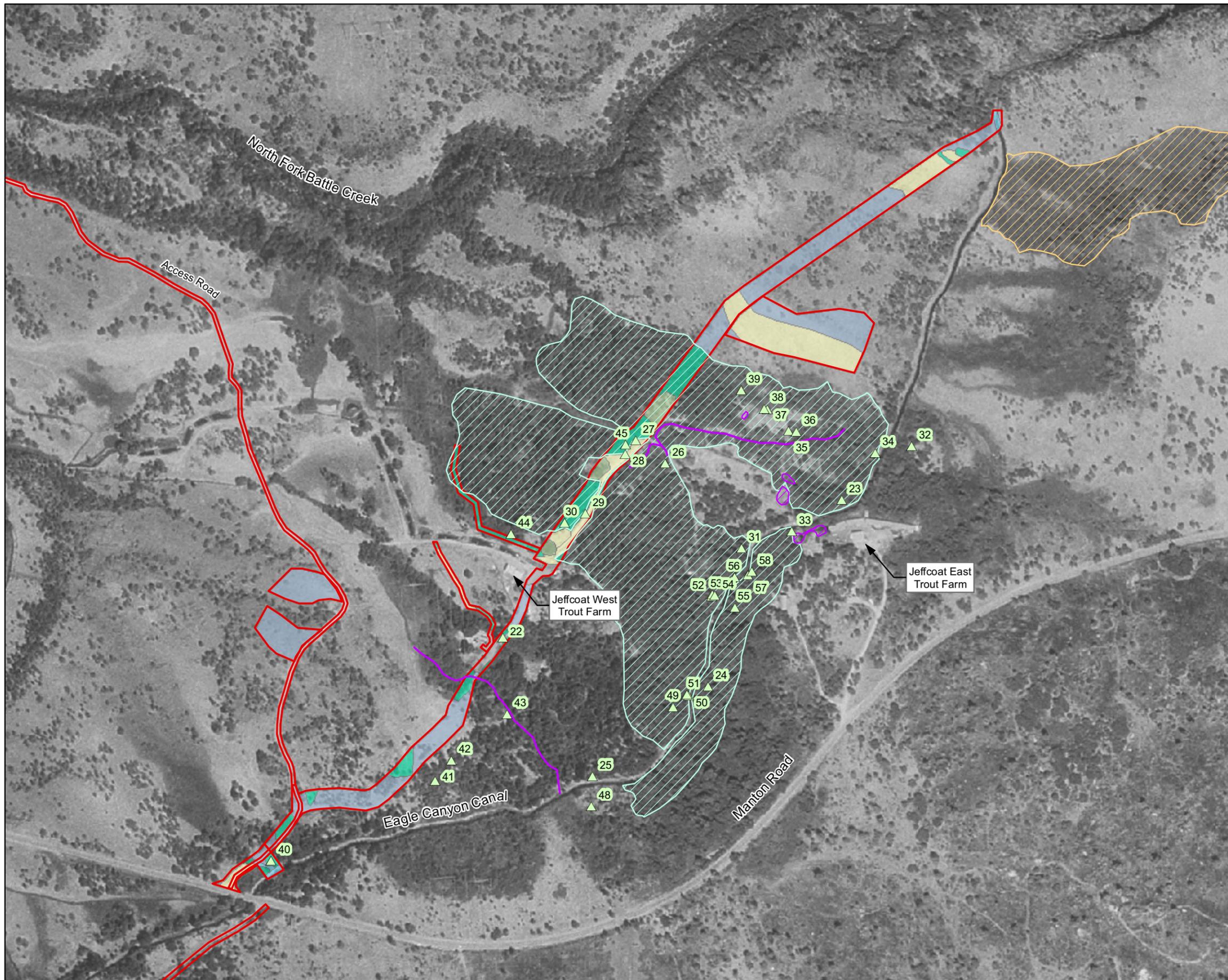


SOURCE: U.S. Geological Survey Digital Orthophoto Quarter Quadrangles 1998

Prepared for the U.S. Department of Interior,  
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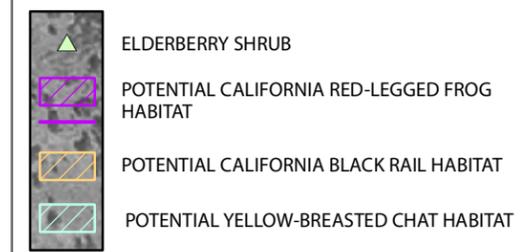
**FIGURE L-11**  
**BIOLOGICAL RESOURCES**  
**JEFFCOAT MITIGATION SITE**



**HABITAT TYPES**



**BIOLOGICAL RESOURCES**



**BOUNDARIES**



HABITAT TYPE	AREA (ACRES)
ANNUAL GRASSLANDS	2.98
BLUE OAK WOODLAND / SAVANNA	6.21
LIVE OAK WOODLAND	0.44
WETLAND	2.47
OTHER WATERS OF THE U.S.	0.02
<b>TOTAL AREA AFFECTED</b>	<b>12.12</b>

ACCESS ROADS EXISTING, NO ADDITIONAL IMPACTS

THE AFFECTED ACRES OF WETLANDS AND OTHER WATERS OF THE U.S. WERE CALCULATED USING CONSTRUCTION DESIGN DRAWINGS PROVIDED BY RECLAMATION TO SATISFY THE REQUIREMENTS OF SECTION 404 OF THE CLEAN WATER ACT.

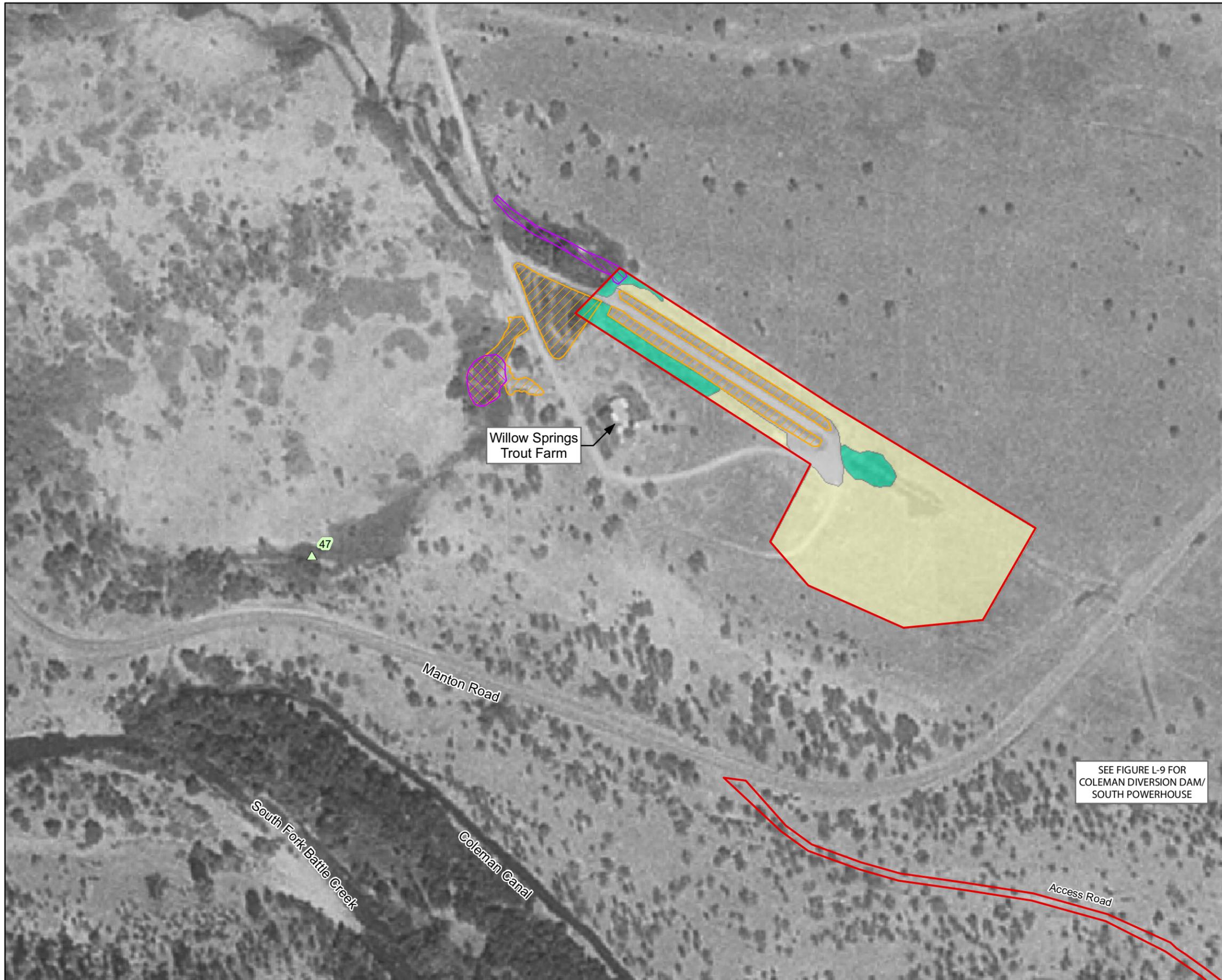


SOURCE: U.S. Geological Survey Digital Orthophoto Quarter Quadrangles 1998

Prepared for the U.S. Department of Interior,  
 Bureau of Reclamation, and the  
 State Water Resources Control Board  
 by Jones & Stokes  
 July 2005

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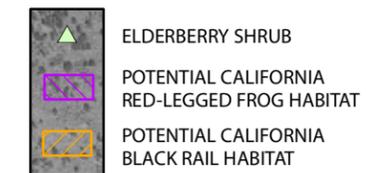
**FIGURE L-12**  
**BIOLOGICAL RESOURCES**  
**WILLOW SPRINGS MITIGATION SITE**  
**OPTION A—DISINFECTION FACILITY**



**HABITAT TYPES**



**BIOLOGICAL RESOURCES**



**BOUNDARIES**



TYPE	AREA (ACRES)
ANNUAL GRASSLANDS	3.51
WETLANDS	0.45
<b>TOTAL AREA AFFECTED</b>	<b>3.96</b>

THE AFFECTED ACRESAGES OF WETLANDS AND OTHER WATERS OF THE U.S. WERE CALCULATED USING CONSTRUCTION DESIGN DRAWINGS PROVIDED BY RECLAMATION TO SATISFY THE REQUIREMENTS OF SECTION 404 OF THE CLEAN WATER ACT.

NOTE: THE PREFERRED MITIGATION OPTION IS TO ACQUIRE THE WILLOW SPRINGS TROUT FARM, WHICH WOULD NOT RESULT IN ANY CONSTRUCTION ACTIVITIES AT THIS MITIGATION SITE.



SOURCE: U.S. Geological Survey Digital Orthophoto Quarter Quadrangles 1998

Prepared for the U.S. Department of Interior,  
 Bureau of Reclamation, and the  
 State Water Resources Control Board  
 by Jones & Stokes  
 July 2005

SEE FIGURE L-9 FOR  
 COLEMAN DIVERSION DAM/  
 SOUTH POWERHOUSE