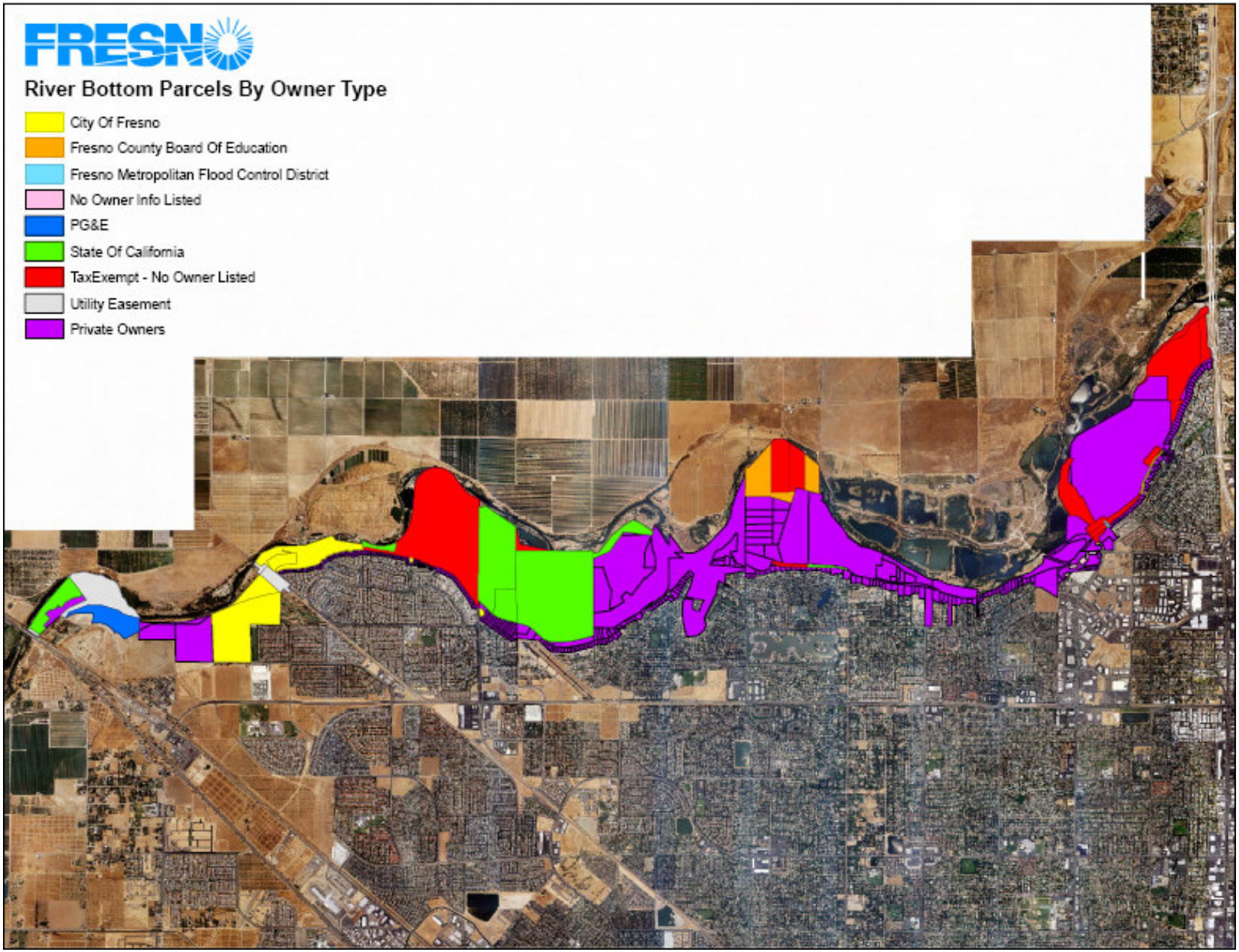
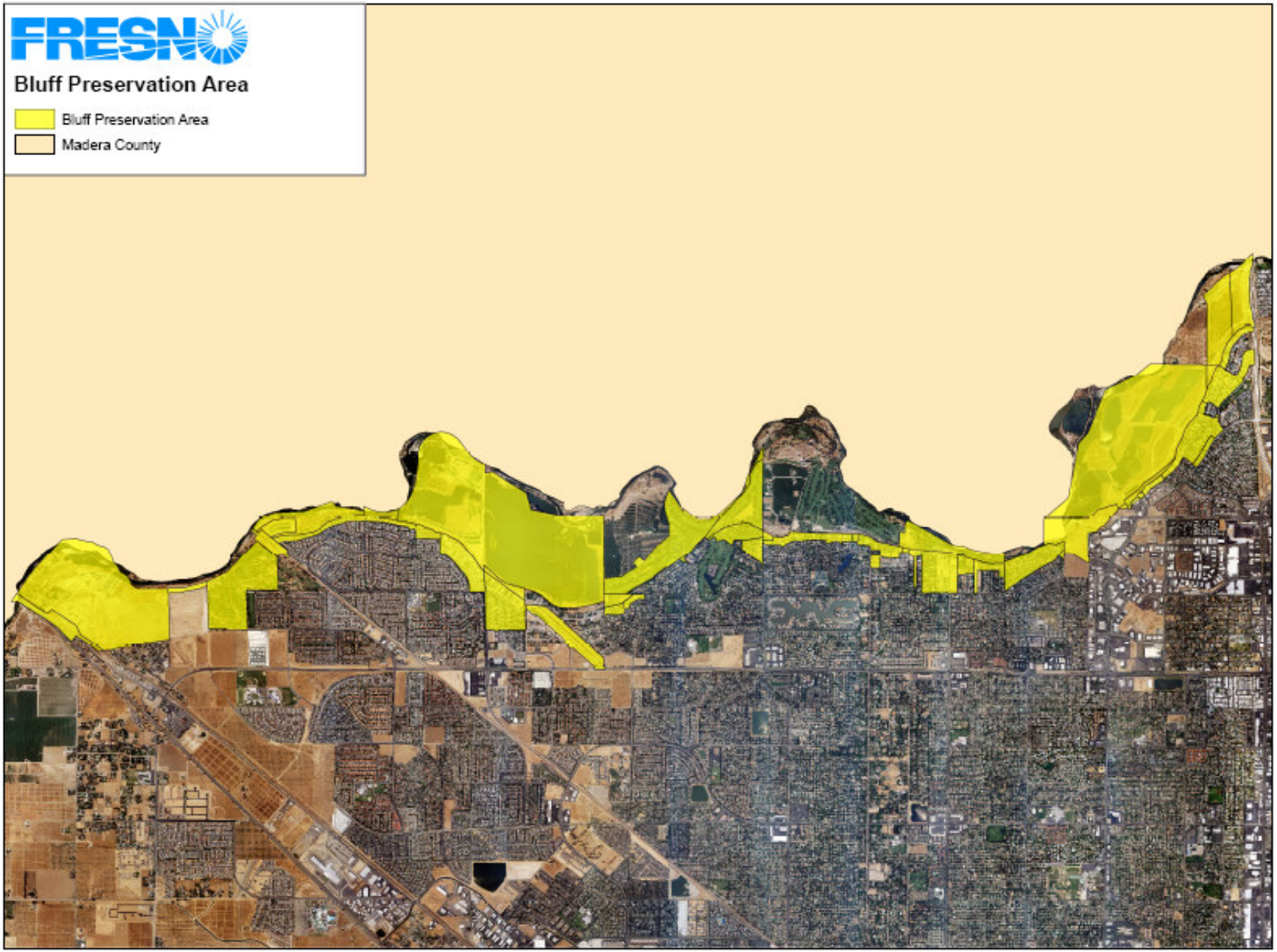
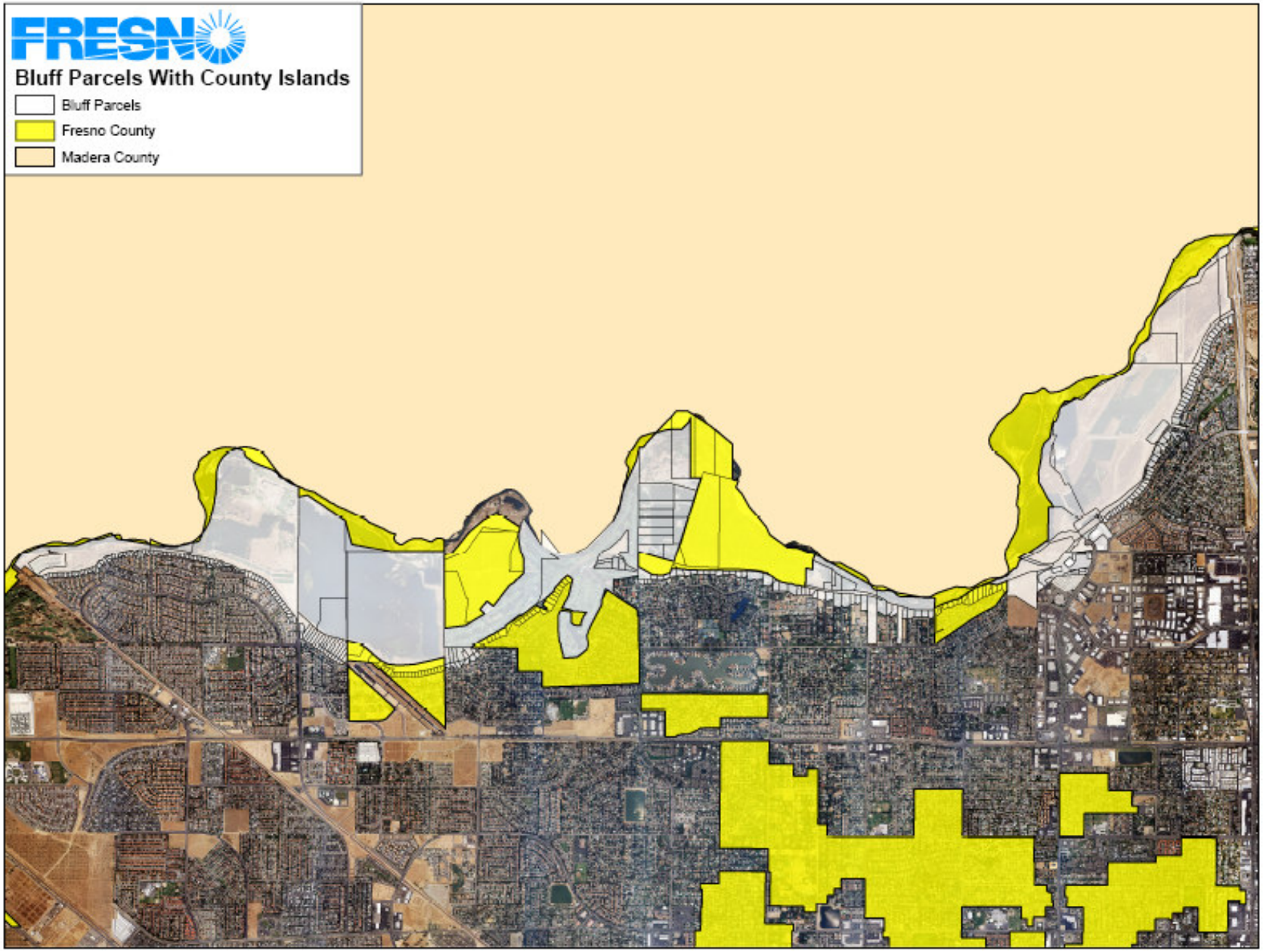
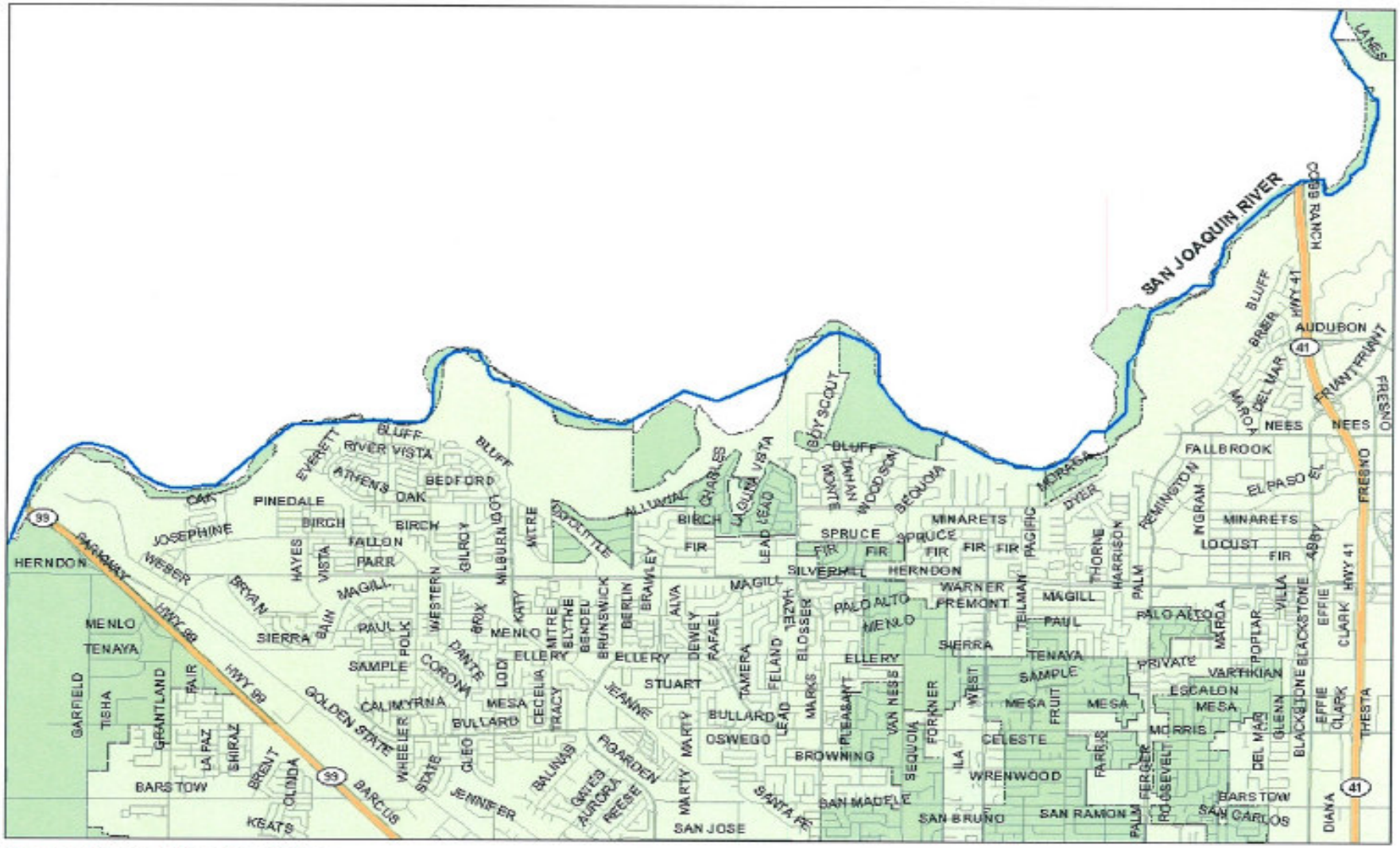
APPENDIX C: MAPS




FRESNO
Bluff Preservation Area
Bluff Preservation Area
Madera County


FRESNO
Bluff Parcels With County Islands
Bluff Parcels
Fresno County
Madera County



Fresno County Sheriff's Office

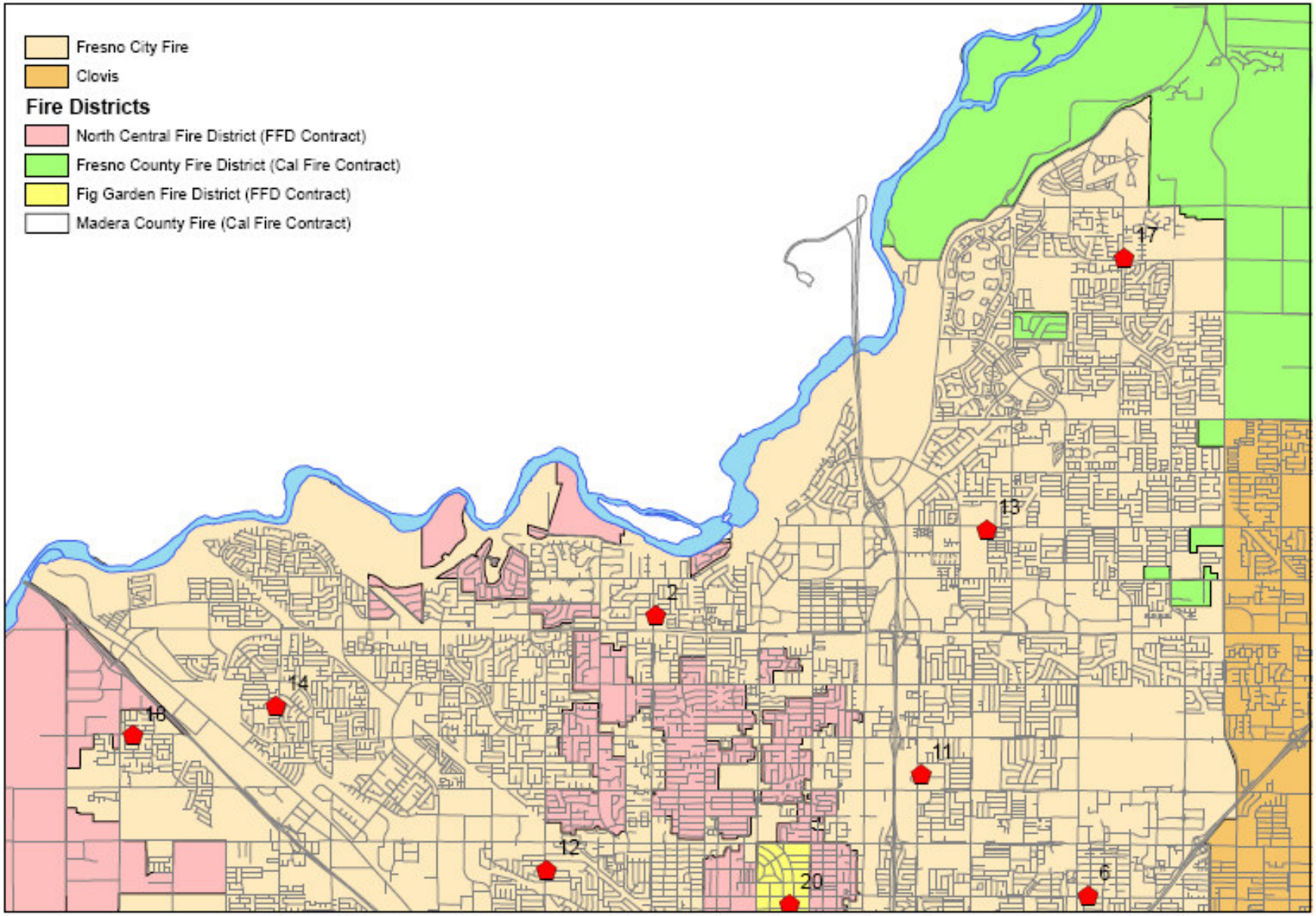
County of Fresno Territory
River Bluff and River Bottom

0 2,850 5,700 11,400 Feet

Fresno County

City of Fresno

N W E S


Fresno City Fire
Clovis
Fire Districts
North Central Fire District (FFD Contract)
Fresno County Fire District (Cal Fire Contract)
Fig Garden Fire District (FFD Contract)
Madera County Fire (Cal Fire Contract)
17
13
2
14
18
11
12
20
6

2/17/2010

MONUMENT TABULATION

GPS #	Comments	North	East
126	Fd. 2" CSLC Al. cap stamped "PHOTO CONTROL 12201601, 1988, LS 4333" on a #6 rotor, 0.2' below ground, in a 6" dia. PVC pipe - See "Plat of GPS Survey" by CSLC dated June 1988, revised Sept. 1989 on file in the office of the County Surveyor of either Fresno or Madera.	2209061.432	6329744.270
128	Fd. 2" CSLC Al. cap stamped, "PHOTO CONTROL 12201602, 1988, LS 4333" on a #6 rotor, flush with AC -- See "Plat of GPS Survey" by CSLC dated June 1988, revised Sept. 1989 on file in the office of the County Surveyor of either Fresno or Madera.	2204781.624	6329904.410
129	Fd. 2" CSLC Al. cap stamped, "PHOTO CONTROL 12201603, 1988, LS 4333" on a #6 rotor, flush with AC -- See "Plat of GPS Survey" by CSLC dated June 1988, revised Sept. 1989 on file in the office of the County Surveyor of either Fresno or Madera.	2209717.325	6333925.013
224	S 1/4 S9 -- Fd. Calif. Dept. of Transportation Brass Cap in concrete stamped "N 1/4 Sec. 15 12/28, 66+88.70", flush -- no reference	2210368.749	6329801.799
226	S 1/4 S16 -- Fd. cotton spindle flush in pavement -- per Madera County Corner Records (N 1/4 Cor. Sec. 21 12/28).	2204760.630	6329837.964
228	SW S16 -- Fd. 2" O.D.I.P. tagged "RCE 13900", exposed 0.7' -- per Madera County Corner Record (NW Cor. Sec 21 12/28).	2204787.592	6327196.453
251	W 1/4 S16 -- Fd. 2" O.D.I.P. with 2 3/4" O.D. steel cap not stamped, down 1.4' -- per Fresno County Corner Record Document #4015.	2207350.297	6332442.653
253	Fd. 1 1/4" O.D.I.P. w/plastic cap stamped "LS 5815", down 0.5' -- no reference.	2206957.371	6332444.025

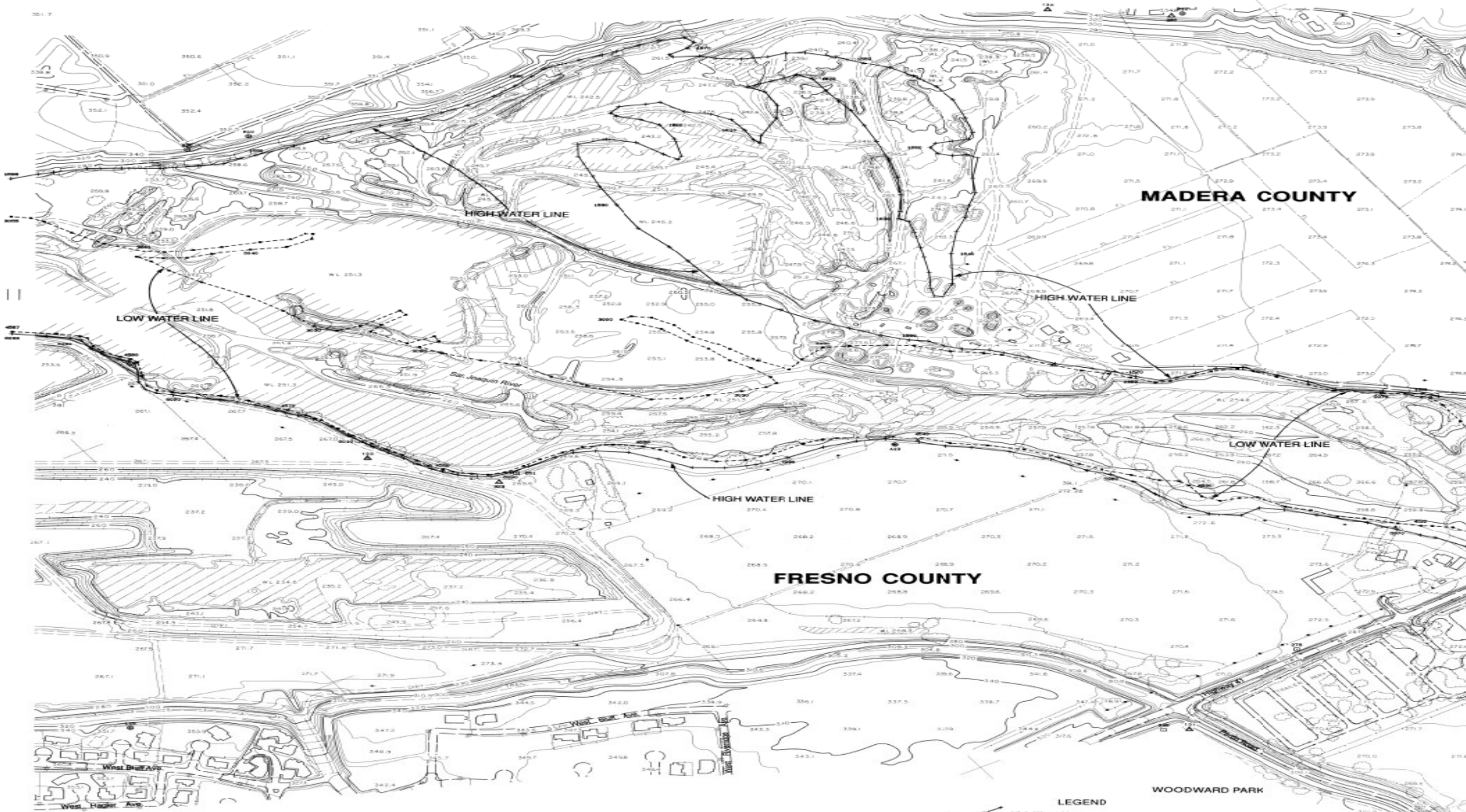
52

MONUMENT TABULATION

GPS #	Comments	North	East
130	Fd. 2" CSLC Al. cap stamped, "PHOTO CONTROL 12202061, 1988, LS 4333" on a #6 rebar, 0.3' below ground, in a 6" dia. PVC pipe -- See "Plat of GPS Survey" by CSLC dated June 1989, revised Sept. 1989 on file in the office of the County Surveyor of either Fresno or Madera.	2203212.552	6325484.288
131	Fd. 2 1/2" CSLC Al. cap stamped, "PHOTO CONTROL 12202102, 1988, LS 4333" on a 5/8" Al. rod, flush with ground, in a 6" dia. PVC pipe -- See "Plat of GPS Survey" by CSLC dated June 1989, revised Sept. 1989 on file in the office of the County Surveyor of either Fresno or Madera.	2200901.236	6330243.524
133	Fd. 2" CSLC Al. cap stamped, "PHOTO CONTROL 12202901, 1988, LS 4333" on a #6 rebar, 0.2' below ground, in a 6" dia. PVC pipe -- See "Plat of GPS Survey" by CSLC dated June 1989, revised Sept. 1989 on file in the office of the County Surveyor of either Fresno or Madera.	2198990.116	6326683.052
236	Possible N 1/4 S29 -- Fd. 3/4" I.P. w/plastic plug stamped "RCE 13489", exposed 1.3' -- no reference.	2199562.395	6324371.579
261	NW S28 -- Fd. 3" O.D.I.P. tagged "RCE 13900", broken off and lying horizontally. Found base (remnant) of pipe down 1.5' reset over pipe's base exposed 0.3', and checked ties -- per Madera County Corner Record (SE Cor. Sec. 20 12/20).	2199477.278	6327122.132
276	Westerly R/W monument Hwy 41 - 600 ft. N of Perrin Rd. -- Fd. 6"x6" concrete R/W Mon., exposed 0.5' -- per State Highway Monumentation Map 6 FHn 41 H32.7 13	2201802.411	6329987.140
290	ECC to 1936/37 DWR Triangulation Control Pt. "B-12" (GPS # 292). Reestablished Location of original peak of tank house per testimony of Mrs. Lucy Cobb owner/occupant of property. According to Mrs. Cobb the tank house was torn down in 1939. Set 1x2" & tack, flush, ECC to tank house and B12.	2203536.403	6325684.711
323	ECC. to NW S28 (GPS #261) -- Set #6 rebar, w/center punch, down 3.5' below ground surface.	2199380.785	6327138.973
345	Caltrans RW Mon. in Woodward City Park -- Fd. nail in 6"x6" concrete post exposed 0.2' -- no reference.	2200837.547	6330185.611

MONUMENT TABULATION
OUTSIDE GEOGRAPHIC LIMITS OF MAPPING

GPS #	Comments	North	East
229	SW S16 -- Fd. 2" O.D.I.P. tagged "RCE 13900", exposed 3.7' -- per Madera County Corner Record (NW Cor. Sec 21 12/20).	2204787.592	6327196.453
233	S 1/4 S17 -- Fd. 2 1/2" I.P., down 0.4' -- per Madera County Corner Record (N 1/4 Cor. Sec. 20 12/20).	2204649.715	6324475.276
234	SW S17 -- Fd. 3/4" I.P., down 0.5' -- per Madera County Corner Record (NE Cor. Sec 19 12/20).	2204494.932	6321416.816
237	NE S28 -- Fd. 2 1/2" I.P. concrete filled with nail tip in concrete pad and well (Woodward Park) -- per Fresno County Corner Record (122027 NW).	2199419.633	6332403.677



NOTES

1. Except where the original grant under which the adjoining land is held indicates a different intent, the State asserts fee ownership between the low water lines as shown, and a public trust easement over the lands between the high and low water lines pursuant to Civil Code Section 830, as construed in People v. Superior Court (Lyon), 29 Cal. 3d 210 (1981), and People v. Superior Court (Fogerty), 29 Cal. 3d 240 (1981).

2. These Administrative Maps depict the location and extent of the sovereign land title interests of the people of the State of California in the bed of the San Joaquin River in this project area. The lines of low and high water as depicted on these Administrative Maps were derived from those certain maps entitled "Lands Along the San Joaquin River between Friant and Gravelly Ford," dated March 1938. These maps, numbered A-1 thru A-15, were compiled between April 1936 and Sept. 1937, by the Division of Water Resources, under the Central Valley Authority.

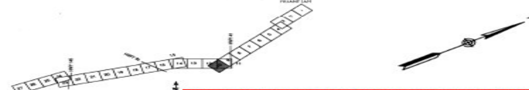
3. The high and low water lines as shown on these Administrative Maps are the compiled results of an analysis of the best available evidence presently known to the staff of the State Lands Commission. Should evidence be presented to the Commission, or its staff, that either the high or low water lines shown could be more accurately positioned with respect to a specific parcel of private property, such evidence will be given careful consideration by the staff of the State Lands Commission.

4. Refer to those maps entitled "Coordinate Tabulation, San Joaquin River from Friant Dam to Gravelly Ford, Counties of Fresno and Madera" for the coordinates of points shown for the high and low water lines. These Coordinate Tabulation Maps are on file under W24073 in the office of the California State Lands Commission, 1807 13th Street, Sacramento, CA 95814 and on file in the offices of the Madera and Fresno County Surveyors.

5. HORIZONTAL CONTROL:
The grid and coordinates shown on this map conform to the California Coordinate System, Zone 4 and are based upon the North American Datum of 1983 (NAD 83). The grid is a conversion from NAD 83 to the US Survey Foot and was derived by multiplying NAD 83 coordinates by 3.2808333333. For more information see the CSLC PLAT OF GPS SURVEY dated June 1989, revised Sept. 1989 under W24073 in the office of the California State Lands Commission, 1807 13th Street, Sacramento, CA 95814. Said Plat is also on file in the offices of the Madera and Fresno County Surveyors.

6. VERTICAL CONTROL:
Elevations are based upon the NATIONAL GEODETIC VERTICAL DATUM of 1929 (NGVD) with the supplemental adjustments of 1953, 1960 and 1975, all respectively by the National Geodetic Survey. For more information see the CSLC PLAT OF LEVELING SURVEY dated June 1989, revised Sept. 1989 under W24073 in the office of the California State Lands Commission, 1807 13th Street, Sacramento, CA 95814. Said Plat is also on file in the offices of the Madera and Fresno County Surveyors.

ADMINISTRATIVE MAP
SAN JOAQUIN RIVER
APRIL, 1992



The coordinate values provided are from CSLC historical records and are not maintained or updated. In using the coordinate information you are responsible for confirmation, accuracy and checking of the data provided. Recipient hereby assumes full responsibility for coordinate information and immediately notifying CSLC in writing of any observed discrepancies.

LEGEND

- High Water Line.
- Low Water Line.
- Found monument, as described.
- GPS control point, found or set as described.
- The precise nature and extent of sovereign interests within these areas are subject to further review. Other such areas may be identified as a result of new information and analysis.
- 1936-37 DWR triangulation point for mapping control. Position recomputed on NAD 83 from original notes. Nothing found or set.

STATE of CALIFORNIA
STATE LANDS COMMISSION
Land Location and Boundary Section

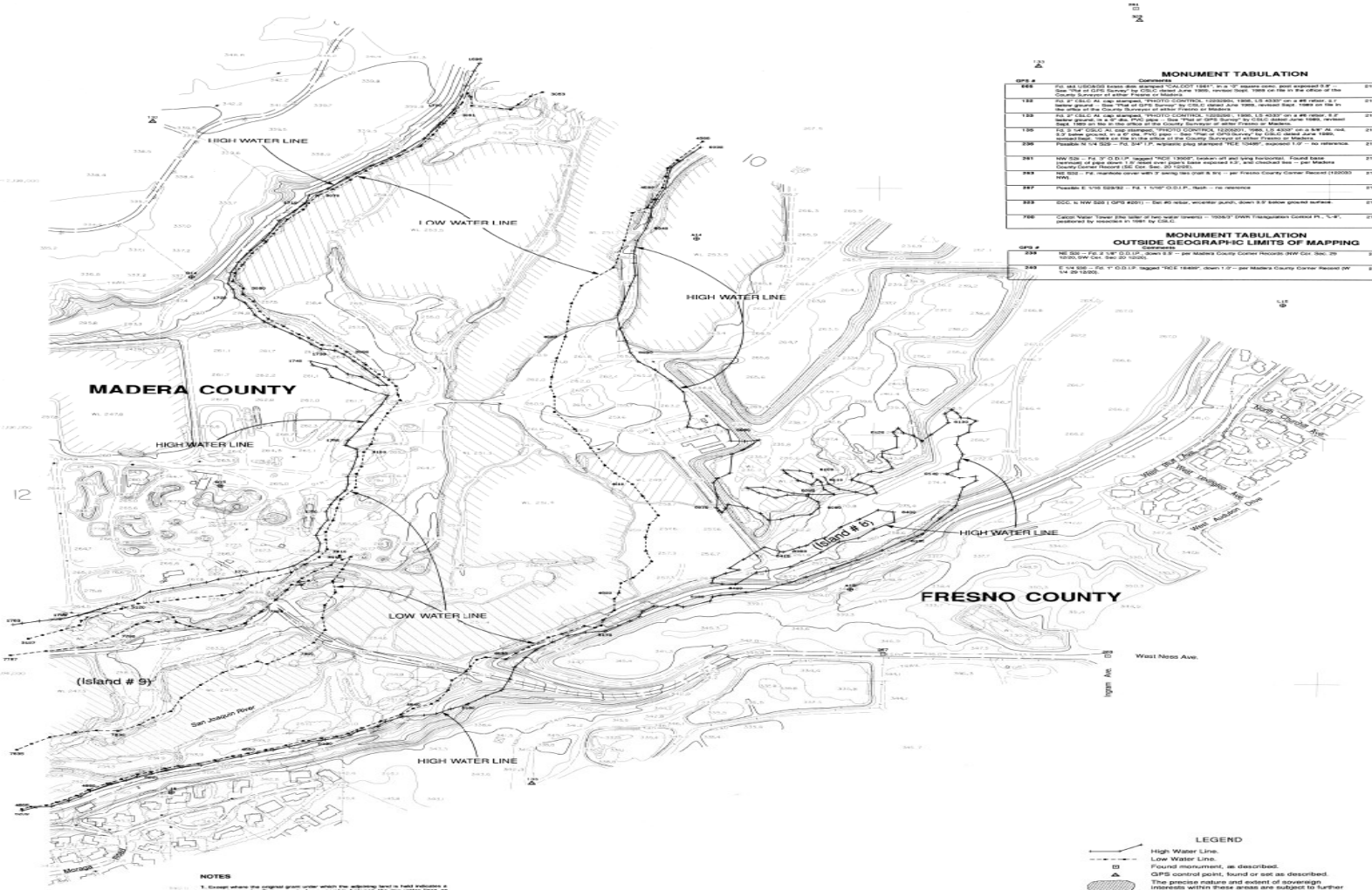
SAN JOAQUIN RIVER
FRIANT DAM to GRAVELLY FORD
FRESNO and MADERA COUNTIES
CONTOUR INTERVAL: 4 feet SCALE: 1 inch = 200 feet

Prepared under
IAA C-9041 with Caltrans
CSLC W.O. 24073

Photography by:
American Aerial Surveys, Inc.
Dated 12 January 1989

Compilation by:
Olympic Mapping Systems
April thru June 1991
ASC 9101-37C

SHEET 10 OF 27



MONUMENT TABULATION

GPS #	Comments	North	East
666	Fd. std. USC&GS brass disk stamped "CALDOT 1981", in a "5" square conc. post exposed 0.8' -- See "Plat of GPS Survey" by CSLC dated June 1989, revised Sept. 1989 on file in the office of the County Surveyor of either Fresno or Madera	219410.1.234	6324502.297
132	Fd. 2" CSLC Al. cap stamped, "PHOTO CONTROL 12202904, 1986, LS 4337" on a #6 rebar, 0.7' below ground, in a 5" dia. PVC pipe -- See "Plat of GPS Survey" by CSLC dated June 1989, revised Sept. 1989 on file in the office of the County Surveyor of either Fresno or Madera	219446.034	6322759.794
133	Fd. 2" CSLC Al. cap stamped, "PHOTO CONTROL 12202905, 1986, LS 4337" on a #6 rebar, 0.7' below ground, in a 5" dia. PVC pipe -- See "Plat of GPS Survey" by CSLC dated June 1989, revised Sept. 1989 on file in the office of the County Surveyor of either Fresno or Madera	219299.116	6320693.052
135	Fd. 2 1/4" CSLC Al. cap stamped, "PHOTO CONTROL 12202901, 1986, LS 4337" on a 5/8" Al. rod, 0.3' below ground, in a 6" dia. PVC pipe -- See "Plat of GPS Survey" by CSLC dated June 1989, revised Sept. 1989 on file in the office of the County Surveyor of either Fresno or Madera	219319.118	6320522.428
236	Possible N 1/4 S22 -- Fd. 3/4" I.P. w/plastic plug stamped "RCE 13499", exposed 1.0' -- no reference	219552.395	6322071.070
281	NW S29 -- Fd. 3" O.D.I.P. tagged "RCE 13900", broken off and lying horizontal. Found base (remnant) of pipe down 1.0' sided over pipe's base exposed 0.3', and checked 5ea -- per Madera County Corner Record (SE Cor. Sec. 20 12S20).	219647.278	6327120.100
283	NE S32 -- Fd. manhole cover with 3' swing ties (nail & tin) -- per Fresno County Corner Record (12S03S HM)	219431.575	6327369.353
287	Possible E 1/16 S29/32 -- Fd. 1 1/16" O.D.I.P., flush -- no reference	219401.802	6328989.007
323	CCC. is NW S20 (GPS #201) -- Set #6 rebar, encased (pond), down 0.5' below ground surface.	219390.760	6327139.973
700	Calcor Water Tower (the latter of two water towers) -- 1926.3" DWR Triangulation Control Pt., "L-8", positioned by resection in 1991 by CSLC	219370.517	6325918.883

MONUMENT TABULATION
OUTSIDE GEOGRAPHIC LIMITS OF MAPPING

GPS #	Comments	North	East
239	NE S26 -- Fd. 4 1/8" O.D.I.P., down 0.5' -- per Madera County Corner Records (NW Cor. Sec. 29 12S20, SW Cor. Sec 20 12S20)	219442.504	6321741.943
240	E 1/4 S26 -- Fd. 1" O.D.I.P. tagged "RCE 18489", down 1.0' -- per Madera County Corner Record (W 1/4 29 12S20)	219424.464	6321706.101

NOTES

1. Except where the original grant order which the adjoining land is held indicates a different origin, the State asserts fee ownership between the low water lines as shown, and a public trust easement over the lands between the high and low water lines. See Cal. Const. Art. XV, Section 1, Civil Code Section 670, Marks v. Whitney (1971) 6 Cal. 3d 251 (1971), and Nedeff v. Superior Court (Dreesen) 59 Cal. App. 3d 1 (1976).

2. These Administrative Maps depict the location and extent of the sovereign land fee interests of the people of the State of California in the bed of the San Joaquin River. In this project area, the lines of low and high water are depicted on these maps, numbered 1 through 27, which are based on the Friant Dam to Gravelly Ford, San Joaquin River between Friant and Gravelly Ford Topo Sheet March 1964. These maps, numbered A-1 thru A-15, were compiled between April 1936 and Sept. 1937, by the Division of Water Resources, under the Central Valley Authority.

3. The high and low water lines as shown on these Administrative Maps are the best estimate of the location of the ordinary high and low water marks known to the staff of the State Lands Commission. Should evidence be presented to the Commission that the ordinary high or low water marks are in a different place or more accurately positioned with respect to a specific parcel of private property, such evidence will be given careful consideration by the staff of the State Lands Commission.

4. Refer to these maps entitled "Coordinate Tabulation, San Joaquin River from Friant Dam to Gravelly Ford, Counties of Fresno and Madera" for the coordinates of points found on the high and low water lines. These Coordinate Tabulation Maps are on file in the office of the State Lands Commission, 1807 13th Street, Sacramento, CA 95814, and on file in the offices of the Madera and Fresno County Surveyors.

5. HORIZONTAL CONTROL:
The grid and coordinates shown on the map conform to the California Coordinate System, Zone 4, based on the North American Datum of 1983 (NAD 83). The grid is a conversion from NAD 83 to the US Survey Foot and was derived by applying the "Corpscon" program to the Lambert Grid Coordinates published in the "Listing of Control Stations" dated June 1989, revised Sept. 1989 under "Monuments Outside Geographic Limits" for Fresno and Madera Counties. The "Listing" is on file in the office of the State Lands Commission. A copy of the "Listing" is also on file in the offices of the Madera and Fresno County Surveyors.

6. VERTICAL CONTROL:
Elevations are based upon the NATIONAL GEODETIC VERTICAL DATUM of 1929 (NGVD 29) as established by the Coast and Geodetic Survey, U.S. Department of Commerce, by the National Geodetic Survey. For more information on the "Listing of Control Stations" dated June 1989, revised Sept. 1989 under "Monuments Outside Geographic Limits" for Fresno and Madera Counties, contact the CSLC at (916) 332-6014. Said Plat is also on file in the offices of the Madera and Fresno County Surveyors.

ADMINISTRATIVE MAP
SAN JOAQUIN RIVER
APRIL, 1992

The coordinate values provided are from CSLC historical records and are not maintained or updated. In using the coordinate information you are responsible for confirmation, accuracy and checking of the data provided. Recipient hereby assumes full responsibility for coordinate information and immediately notifying CSLC in writing of any observed discrepancies.

LEGEND

- High Water Line.
- Low Water Line.
- Found monument, as described.
- GPS control point, found or set as described.
- The precise nature and extent of sovereign ownership has not been determined, but is subject to further review. Other such areas may be identified as a result of new information and analysis.
- 1936-37 DWR triangulation point for mapping control. Position recomputed on NAD 83 from original notes. Nothing found or set.

STATE of CALIFORNIA
STATE LANDS COMMISSION
SAN JOAQUIN RIVER
FRIANT DAM to GRAVELLY FORD
FRESNO and MADERA COUNTIES
CONTOUR INTERVAL: 4 feet SCALE: 1 inch = 200 feet

Prepared under
SLC-DWR agreement
CSLC W.O. 18073

Photography by:
Photo Science Surveys, Inc.
Dated 13 January 1992

Compilation by:
Digital Mapping Systems
Dated May 1, 1992
ASC 9101-37C

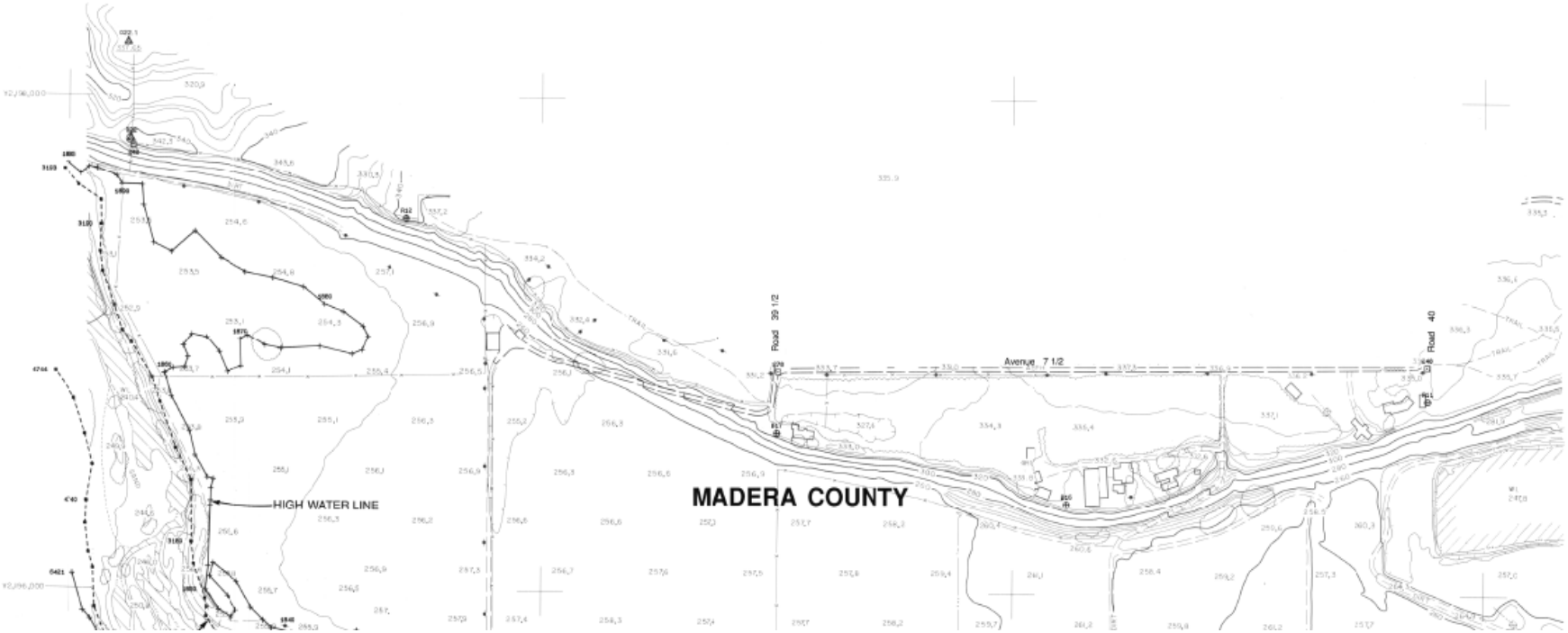
SHEET 11 of 27

MONUMENT TABULATION

GPS #	Comments	North	East
022	Fd. 3 1/8" CSLC brass disk stamped "B COULTHARD, 1988, LS 4333" in 12" dia. conc. post, flush with ground -- See "Plat of GPS Survey" by CSLC dated June 1989, revised Sept. 1989 on file in the office of the County Surveyor of either Fresno or Madera.	2197927.530	6316257.392
022.1	Fd. 2" CSLC Al. cap stamped, "PHOTO CONTROL 12192561, 1988, LS 4333" on a #6 rebar, flush with ground -- See "Plat of GPS Survey" by CSLC dated June 1989, revised Sept. 1989 on file in the office of the County Surveyor of either Fresno or Madera.	2198214.951	6316244.523
134	Fd. 3 1/4" CSLC Al. cap stamped, "PHOTO CONTROL 12203692, 1988, LS 4333" on a 5/8" Al. rod 1.7' below ground, in a 6" dia. PVC pipe -- See "Plat of GPS Survey" by CSLC dated June 1989, revised Sept. 1989 on file in the office of the County Surveyor of either Fresno or Madera.	2195762.495	6320438.173
137	Fd. 2" CSLC Al. cap stamped, "PHOTO CONTROL 12193601, 1988, LS 4333" on a #6 rebar, 0.1' below ground -- See "Plat of GPS Survey" by CSLC dated June 1989, revised Sept. 1989 on file in the office of the County Surveyor of either Fresno or Madera.	2193416.830	6316122.955
240	E 1/4 S30 -- Fd. 1" O.D.I.P. tagged "RCE 16469", down 1.0' -- per Madera County Corner Record (W 1/4 29 12/20) & RS 148,141	2196824.464	6321758.101
242	NW Corner Lot 8 GLO -- Fd. 1" O.D.I.P., nail & tag stamped "LS 2737", exposed 0.2' -- per Madera County & RS 148, 141	2197861.211	6316267.046
278	Possible CTR. 30 -- Fd. 1 1/8" O.D.I.P. w/plastic cap stamped "LS 482x", tag illegible, down 0.5' -- possible Cir. Sec. 30 12/20 -- (no reference)	2196893.887	6319004.916

MONUMENT TABULATION
OUTSIDE GEOGRAPHIC LIMITS OF MAPPING

GPS #	Comments	North	East
334	SW S17 -- Fd. 3/4" I.P., down 0.5' -- per Madera County Corner Record (NE Cor. Sec 19 12/20).	2204494.932	6321115.515
338	NE S30 -- Fd. 2 1/8" O.D.I.P., down 0.5' -- per Madera County Corner Records (NW Cor. Sec. 29 12/20, SW Cor. Sec 20 12/20).	2199595.936	6321741.843
344	NE S25 -- Fd. 1 5/8" O.D.I.P., down 1.0' -- per Madera County T RS 58	2199352.343	6316856.055
269	E 1/4 S31 -- Fd. 1 1/4" O.D.I.P., tagged, "LS 5096", flush in pavement.	2191693.323	6321702.094
270	Headstone -- 1938 Control Pt. "B-18" -- Fd. 26x26x18" granite stone with 23x20x7" marble headstone (Headstone "B18" per 1936/37 DWR Triangulation Field Notes) - per 1938 Map sheet "A-6 Central Valley Project".	2197571.946	6315756.246
353	EOC. to E 1/4 S31 (GPS #269) -- Set Pk. nail & tin on centerline Alluvial Ave.	2191599.783	6321925.576



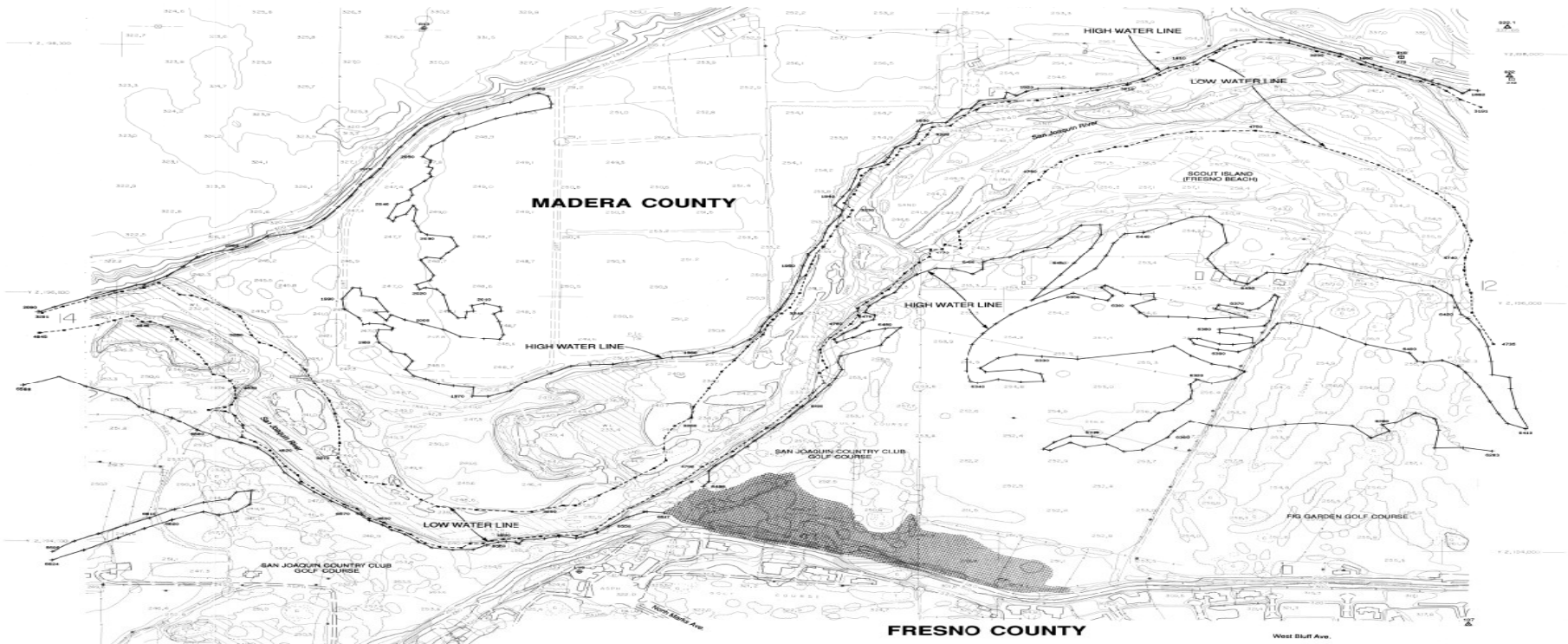
55

MONUMENT TABULATION

GPS #	Comments	North	East
602	Fd. 3 1/2" CSLC brass disk stamped "S COULTHARD, 1988, LS 4333" in 1/2" dia. conc. post, flush with ground – See "Plat of GPS Survey" by CSLC dated June 1989, revised Sept. 1989 on file in the office of the County Surveyor of either Fresno or Madera.	2197627.535	6316057.300
602.1	Fd. 8" CSLC Al. cap stamped, "PHOTO CONTROL, 12192651, 1986, LS 4333" on a #8 rebar, flush with ground – See "Plat of GPS Survey" by CSLC dated June 1989, revised Sept. 1989 on file in the office of the County Surveyor of either Fresno or Madera.	2198214.061	6316244.920
137	Fd. 8" CSLC Al. cap stamped, "PHOTO CONTROL, 12192651, 1986, LS 4333" on a #8 rebar, 0.1' below ground – See "Plat of GPS Survey" by CSLC dated June 1989, revised Sept. 1989 on file in the office of the County Surveyor of either Fresno or Madera.	2193416.830	6316122.955
139	Fd. 8" CSLC Al. cap stamped, "PHOTO CONTROL, 12192652, 1986, LS 4333" on a #8 rebar, 0.1' below ground – See "Plat of GPS Survey" by CSLC dated June 1989, revised Sept. 1989 on file in the office of the County Surveyor of either Fresno or Madera.	2191986.326	6315651.349
342	RW Corner Lot 8 GLO – Fd. 1" O.D.I.P., hard & tag stamped "LS 2737", exposed 0.2' – per Madera County in RS 146,141	2197831.211	6316267.048
379	Headstone – 1936 Control Pt. 39,18" – Fd. 2ft(x)4ft" granite stone with (Cross)17" needle headstone stamped "39" (or per 1936-37 DWR Triangulation Field Notes) – per 1936 Map sheet "A4 - Central Valley Project".	2197971.946	6315766.248

MONUMENT TABULATION
OUTSIDE GEOGRAPHIC LIMITS OF MAPPING

GPS #	Comments	North	East
244	NE SW – Fd. 1 5/8" O.D.I.P., down 1.0' – per Madera County 7 RS 58	2199562.543	6314956.062
246	NE SW – Fd. 1" O.D.I.P. with 2" brass cap stamped "T12S R19E, 23/26 | 24/25, LS 4126", exposed 0.5' – per Madera County Corner Record (RW Cor. Sec. 25 12/19).	2198453.479	6314976.002
282	Possible S 1/4 Sec. – Fd 1" O.D.I.P., bent, with yellow plug stamped "ROE 13800", re-straightened over base – no tolerance	2198459.198	6315598.967
311	W 1/4 S36 – Fd. Std. Fresno County 3 1/2" Brass Disk stamped "T12S R19E, S35 –S 36, 1968" – per Fresno County Corner Records (107836 W1/4)	2191549.908	6311014.806
391	EOC, In E 1/4 S35 (GPS #311) – Set #6 rebar w/center punch, flush	2189332.455	6311049.747



NOTES

1. Except where the original grant deed which the adjacent land is held mentioned a different number, the boundaries are presumed to be between the low water lines as shown on the Administrative Maps. Where the original grant deed which the adjacent land is held mentions a different number, see the grant deed for the location line, as contained in Dwelley v. Bowers, Court of Appeal, 3d Dist. (1941), and Dwelley v. Bowers, Supreme Court (Unpublished), 89 Sup. Ct. Rptr. 36.

2. These Administrative Maps depict the location and extent of the sovereign land the interests of the people of the State of California in the bed of the San Joaquin River in the project area. The lines of low and high water as depicted on these maps are based on the survey of the bed of the San Joaquin River, Friant Dam to Gravelly Ford, San Joaquin River between Friant and Gravelly Ford, April-March 1936. These maps, numbered A-1 thru A-15, were compiled between April 1936 and Sept. 1937, by the Division of Water Resources, under the Central Valley Authority.

3. The high and low water lines as shown on these Administrative Maps are the boundaries between the sovereign land in the bed of the San Joaquin River and the land of the State Lands Commission. Should evidence be presented to the Commission, or to staff, that either the high or low water lines shown could be more accurately located elsewhere than as shown on these Administrative Maps, the evidence will be given careful consideration by the staff of the State Lands Commission.

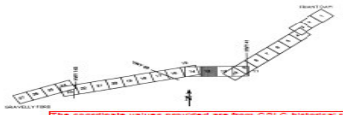
4. Refer to these maps entitled "Coordinate Tabulation, San Joaquin River from Friant Dam to Gravelly Ford, Counties of Fresno and Madera" for the coordinates of points shown for the high and low water lines. These Coordinate Tabulation Maps are on file in the office of the State Lands Commission, Division of Land Management, 1807 13th Street, Sacramento, CA 95814, and on file in the offices of the Madera and Fresno County Surveyors.

5. HORIZONTAL CONTROL:
The grid and coordinates shown on this map conform to the California Coordinate System, Zone 4, Lambert Conformal Conic Projection, North American Datum of 1927. The grid is a conversion from NAD 83 to the US Survey Foot and was derived by applying NAD 83 coordinates, by 3.2808333333333. For more information see the "Plat of GPS Survey" by CSLC dated June 1989, revised Sept. 1989 on file in the office of the County State Lands Commission, 1807 13th Street, Sacramento, CA 95814. Said Plat is also on file in the offices of the Madera and Fresno County Surveyors.

6. VERTICAL CONTROL:
Elevations are referenced to the NATIONAL GEODETIC VERTICAL DATUM of 1929 (NGVD) with the supplemental adjustments of 1973, 1980 and 1973, as respectively applicable. Elevations are based on the "Plat of GPS Survey" by CSLC dated June 1989, revised Sept. 1989 on file in the office of the County State Lands Commission, 1807 13th Street, Sacramento, CA 95814. Said Plat is also on file in the offices of the Madera and Fresno County Surveyors.

ADMINISTRATIVE MAP
SAN JOAQUIN RIVER

APRIL, 1992



The coordinate values provided are from CSLC historical records and are not maintained or updated. In using the coordinate information you are responsible for confirmation, accuracy and checking of the data provided. Recipient hereby assumes full responsibility for coordinate information and immediately notifying CSLC in writing of any observed discrepancies.

N

LEGEND

- High Water Line.
- Low Water Line.
- Found monument, as described.
- GPS control point, found or set as described.
- The precise nature and extent of sovereign interests within these areas are subject to further review. Other such areas may be identified as a result of new information and analysis.
- 1936-37 DWR triangulation point for mapping control. Position recomputed on NAD 83 from original notes. Nothing found or set.

STATE of CALIFORNIA
STATE LANDS COMMISSION
Division of Land Management

SAN JOAQUIN RIVER
FRIANT DAM to GRAVELLY FORD
FRESNO and MADERA COUNTIES

CONTOUR INTERVAL: 4 feet SCALE: 1 inch = 200 feet

Prepared under
SAL 87-16, as amended
CSLC W.O. 34073

Photography by:
American Aerial Surveys, Inc.
Dated 13 January 1989

Compilation by:
Geographic Information System
Staff Map, April 1991
ASC 0101-STC

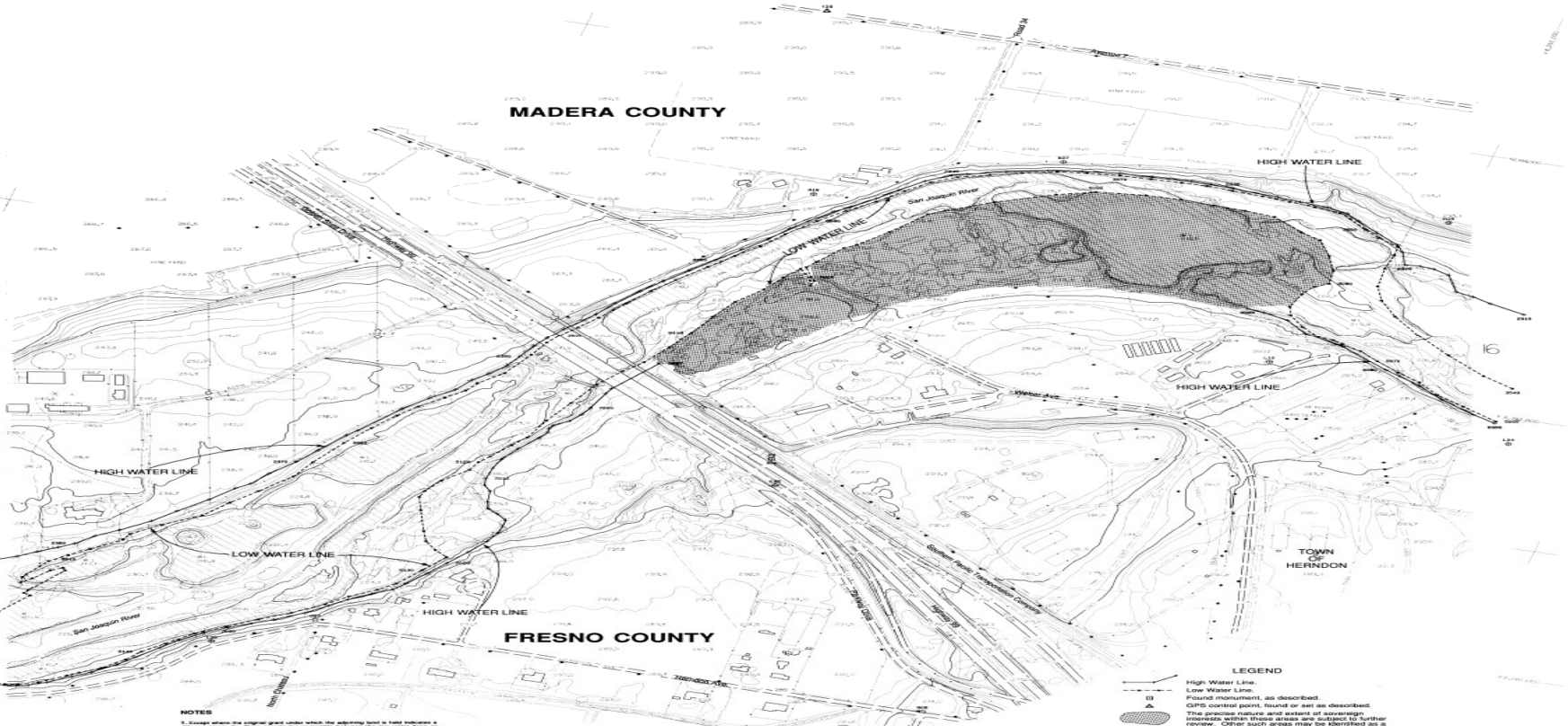
SHEET 13 OF 27

MONUMENT TABULATION

GPS #	Comments	North	East
020	Fd. 3 1/2" CSLC brass disk stamped "13190003, AVC-7, 1988, LS 4337", exposed in the NE'ly corner of the MC'ly concrete wing wall of the Friant Dam Outlet Structure – See "Map of GPS Survey" by CSLC dated June 1988, revised Sept. 1989 on file in the office of the County Surveyor of either Fresno or Madera.	2194532.137	6285099.684
020.1	Fd. 2" CSLC Al. cap stamped, "PHOTO CONTROL 12100104104, 1988, LS 4337" on a #6 rebar, flush with ground – See "Map of GPS Survey" by CSLC dated June 1988, revised Sept. 1989 on file in the office of either Fresno or Madera.	2193859.408	6285706.958
138	Fd. 2 1/2" CSLC Al. cap stamped, "PHOTO CONTROL 12100101, 1988, LS 4337" on a 5/8" Al. rod, 0.1' below ground, in a 6" dia. PVC pipe – See "Map of GPS Survey" by CSLC dated June 1988, revised Sept. 1989 on file in the office of the County Surveyor of either Fresno or Madera.	2194371.334	6288950.590
146	Fd. 2" CSLC Al. cap stamped, "PHOTO CONTROL 12100102, 1988, LS 4337" on a 5/8" Al. rod, 0.2' below ground, in a 6" dia. PVC pipe – See "Map of GPS Survey" by CSLC dated June 1988, revised Sept. 1989 on file in the office of the County Surveyor of either Fresno or Madera.	2191835.839	6285992.894
147	Fd. 2" CSLC Al. cap stamped, "PHOTO CONTROL 13100004, 1988, LS 4337" on a #6 rebar, flush with ground – See "Map of GPS Survey" by CSLC dated June 1988, revised Sept. 1989 on file in the office of the County Surveyor of either Fresno or Madera.	2188893.333	6290827.393
268	Possible N 1/4 S31 – Fd. 1 1/2" O.D.I.P., down 0.5' below pavement surface – no reference	2104393.381	6287191.635
306	N 1/4 S6 – Fd. 3 1/2" O.D.I.P. no tag, down 2.1' – per Fresno County Corner Record (131906 NW).	2100088.383	6290818.239
307	NW S. – Fd. 2" O.D.I.P. w/bolt marked "FRESNO CO. SEC. COR.", exposed 0.8' – per Fresno County Corner Record (131905 NW).	2189105.582	6298135.931
595	BM USED #307 – Central Pt. "D-3" per 1936/37 DWR Triangulation Field Notes – Fd. 3 3/4" brass cap, marked "USGS ELEV. 395.0 S.M. No. 33", exposed 1.2' – per 1958 Map sheet "A-10 Central Valley Project".	2193858.014	6299071.268

MONUMENT TABULATION
OUTSIDE GEOGRAPHIC LIMITS OF MAPPING

GPS #	Comments	North	East
149	Fd. 2 1/2" CSLC Al. cap stamped, "PHOTO CONTROL 13100001, 1988, LS 4337" on a 5/8" Al. rod, 0.1' below ground, in a 6" dia. PVC pipe – See "Map of GPS Survey" by CSLC dated June 1988, revised Sept. 1989 on file in the office of the County Surveyor of either Fresno or Madera.	2198658.083	6299459.622
500	NE S36 – Fd. 1 5/8" O.D.I.P. tagged "RCE 13890", down 1.0' – per CALTRANS file 4-14-77, Section 36-1018.	2104384.683	6304672.089
501	E 1/4 S6 – Fd. 1" O.D.I.P. with unreadable tag, down 0.3' – per Fresno County Corner Record Document #4126.	2106438.002	6303427.815
502	Ch. S5 – Fd. 1 1/2" O.D.I.P. w/plug stamped "LS 2561", down 0.7' – per Fresno County 34 PM 45.	2106432.678	6306783.368
511	E 1/4 S5 – Fd. #6 rebar, down 0.3', 3.2' west of post of 4' high fence – NOTE: "County Corner Record calls for 1/1 LP., however R.P. distances are good to found rebar" – per Fresno County Corner Record (131906 W 1/4).	2106427.432	6306118.339



ADMINISTRATIVE MAP
SAN JOAQUIN RIVER
APRIL, 1992

NOTES

1. Except where the original grant under which the adjoining land is held indicates a different intent, the State asserts his ownership between the low water lines as shown on this map. See Oakland Water Front Cases, 118 Cal. 160 (1897), and Bohn v. Albony, 119 Cal. 501 (1898), and Carson v. Sunset Cattle Company, 99 Cal. 30 (1893).

2. These Administrative Maps depict the location and extent of the sovereign land the interests of the people of the State of California in the bed of the San Joaquin River. In the project area. The lines of low and high water as depicted on these maps are based on the data shown on the "Map of Survey of the Channel of the San Joaquin River between Friant and Gravelly Ford," dated March 1936. These maps, numbered A-1 thru A-19, were compiled between April 1936 and Sept. 1937. The "Map of Survey" is on file in the office of the State Lands Commission.

3. The high and low water lines as shown on these Administrative Maps are the original results of an analysis of the best available evidence presently known to the Commission. The lines are subject to change as more evidence is presented to the Commission. In no case, for either the low or the high water line, should reliance be accorded or may accurately positioned with respect to a specific parcel of private property, such determination be given careful consideration by the staff of the State Lands Commission.

4. Refer to these maps entitled "Coordinate Calculation, San Joaquin River from Friant Dam to Gravelly Ford" for the coordinates of the high and low water lines. These maps are on file under 6024073 in the office of the California State Lands Commission, 1807 13th Street, Sacramento, CA 95814, and on file in the offices of the Madera and Fresno County Surveyors.

5. HORIZONTAL CONTROL:
The grid and coordinates shown on this map conform to the California Coordinate System, Zone 4 and are based upon the North American Datum of 1983 (NAD 83). The bearings and distances shown on this map are grid values. Ground values are found by multiplying NAD 83 coordinates by 0.9996033333. For more information see the CSLC "STATE PLANE SURVEY" dated June 1990, revised Sept. 1989 under WO#3073 in the office of the California State Lands Commission, 1807 13th Street, Sacramento, CA 95814. Said Plat is also on file in the offices of the Madera and Fresno County Surveyors.

6. VERTICAL CONTROL:
The elevations are based on the NATIONAL GEODETIC VERTICAL DATUM of 1929 (NGVD), with the supplemental adjustments of 1963, 1968 and 1973, as indicated by the "STATE PLANE SURVEY" dated June 1990, revised Sept. 1989 under WO#3073 in the office of the California State Lands Commission, 1807 13th Street, Sacramento, CA 95814. Said Plat is also on file in the offices of the Madera and Fresno County Surveyors.

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LEGEND

- High Water Line.
- Low Water Line.
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- GPS control point, found or set as described.
- The precise nature and extent of sovereign interests within these areas are subject to further investigation and may be modified as a result of new information and analysis.
- 1936-37 DWR triangulation point for mapping control. Position recomputed on NAD 83 from original notes. Nothing found or set.

STATE of CALIFORNIA
STATE LANDS COMMISSION
LAND MANAGEMENT DIVISION

SAN JOAQUIN RIVER
FRIANT DAM to GRAVELLY FORD
FRESNO and MADERA COUNTIES
CONTOUR INTERVAL: 4 feet SCALE: 1 inch = 200 feet

Prepared under
SLC-C-5641 with Caltrans
CSLC W.O. 24073

Photography by:
American Aerial Surveys, Inc.
Dated 12 January 1989

Compilation by:
Olympic Mapping Systems
April thru June 1991
ASC 9101-37C

SHEET 17 OF 27