eWRIMS VD 12/19/11

POD ID
54375

State of California
State Water Resources Control Board
DIVISION OF WATER RIGHTS
1001 I Street, 14th Floor, Sacramento, CA 95814
P.O. Box 2000, Sacramento, CA 95812-2000
Info: (916) 341-5300, Fax: (916) 341-5431, www.waterboards.ca.gov/waterrights

DIV. OF WATER RIGHTS 2010 DEC 29 AM 11:58

INITIAL STATEMENT OF WATER DIVERSION AND USE
NOTE: A Statement is not a Water Right

This Statement should be typewritten or legibly written in ink and submitted to the address above.
A separate statement must be filed for each point of diversion.

An (*) indicates a required section. Required sections must be completed for the Statement to be accepted.

***A.** Claimant/Agent Information

Claimant/Owner:	Reclamation District 108	Agent:	N/A
	Lewis Bair		
Mailing Address		Mailing Address	
	P.O. Box 50		
	Grimes, CA 95950		
Phone No.	530-437-2221	Phone No.	
Fax No.	530-437-2248	Fax No.	
E-mail Address:	lbair@rd108.org	E-mail Address:	

***B.** Water is diverted and used under the claim of: Riparian claim X Pre 1914 claim ___ Court Decree No ___
Other (explain):

***C.** Name of the body of water at the point of diversion
See Attached Table 1.

Tributary to Sacramento/San Joaquin Delta

***D.** Point of diversion is located within ___ County on Assessor's Parcel No. ___

being within the ___ 1/4 of ___ 1/4 of Section ___, of Township ___, Range ___, ___ B&M.

Provide the location of the point of diversion using the California Coordinate System (NAD 1983) or Latitude / Longitude measurements.
See Attached Table 1 and Attached Map.

Identify the point of diversion and outline the place of use on a United States Geological Survey (USGS) topographic map and submit the map with the Statement.

Name of the diversion works is El Dorado Bend Pump Plant Related Water Right(s) See Attachment

E. Do you own the land at the point of diversion? Yes X No ___ If No, please provide the name and address of the land owner at the point of diversion: ___

***F.** Capacity of diversion works See Attached Table 1. (cfs, gpm, or gpd) Capacity of storage tanks or reservoir N/A (gallons or acre-feet)

Type of diversion facility: Gravity X Creek Pump X Well Pump ___

Method of measurement: Weir ___ Flume ___ In line flow meter X Electric Meter ___ Estimate ___

NOTE: # Monthly report below is optional until January 1, 2012, at which time the information becomes mandatory.

#Provide the maximum rate of diversion achieved in each month in the table below as measured in: cfs X, gpm ___, or gpd ___

VD

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
			See Attached Table 2.									

Additional copies of this form and water right information can be obtained at www.waterboards.ca.gov/waterrights.

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*G. Provide the quantity of water diverted each month in the table below as measured in: Gallons ___ Million gallons ___ Acre-feet X

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Total Annual
			See Attached Table 3.										

H. Annual water use in recent years: Maximum 132,259 (gallons or ~~acre-feet~~ XXXX) Minimum 180,785 (gallons or ~~acre-feet~~ XXXX)

State the year of first use at diversion site or storage facility 1922

*I. Beneficial water use is for: (example, number of acres and type of crop irrigated, average number of persons served, number of stock watered, etc.) See Attachment.

*J. General description and location of the place of use shall be identified using a USGS topographic map, or if assigned, may be provided using the public land description to the nearest 40 acre parcel accompanied by the County Assessor's parcel map.

See Attached Map.

K. Please answer only those questions below that are applicable to your project.

1. Conservation of water
   a. Describe any water conservation efforts you have in place See Attachment.
2. Water quality and wastewater reclamation
   a. Are you now or have you been using reclaimed water from a wastewater treatment facility, desalination facility or water polluted by waste to a degree that unreasonably affects such water for other beneficial uses? YES __ NO X.
3. Conjunctive use of surface water and groundwater
   a. Are you using groundwater in lieu of surface water? YES X NO ___.

I declare under penalty of perjury that the information in this report is true to the best of my knowledge and belief.

*DATE: June 25, 2010 at Grimes, California

*SIGNATURE: Lewis Bair

*PRINTED NAME: Lewis (first name) (middle initial) Bair (last name)

COMPANY NAME: Reclamation District 108

GENERAL INFORMATION PERTAINING TO WATER RIGHTS IN CALIFORNIA

There are two principal types of surface water rights in California. They are riparian and appropriative rights.

A riparian right enables an owner of land bordering a natural lake or stream to take and use water on his riparian land. Riparian land must be in the same watershed as the water source and must never have been severed form the source of supply by an intervening parcel without reservation of the riparian right to the severed parcel. Generally, a riparian water user must share the water supply with other riparian users. Riparian rights may be used to divert the natural flow of a stream but may not be used to 1) store water for later use 2) divert water which originates in a different watershed 3) divert water released from storage, or 4) divert return flows from groundwater use.

An appropriative right is required for use of water on non-riparian land and for storage of water. Generally, appropriative rights may be exercised only when there is a surplus not needed by riparian water users. After the formation of the California Water Commission in December 1914, new appropriators have been required to obtain a permit or license from the State.

Statements of Water Diversion and Use must be filed by a riparian and/or pre-1914 appropriative water user. The filing of a statement 1) provides a record of water use, 2) enables the State to notify such users if someone proposes a new appropriation upstream from their diversion, and 3) assists the State in determining if additional water is available for future appropriators.

The above discussion is provided for general information. For more specific information concerning water rights, please visit the website http://www.waterboards.ca.gov/waterrights/water_issues/programs/diversion_use/, or write to this office.

Attachment to
Initial Statement of Water Diversion and Use
for Reclamation District 108

D. Reclamation District 108 diverts water under riparian and pre-1914 claims as agent for District landowners. Related water rights include Reclamation District 108's (District) Licenses 3065, 3066, and 3067 (Applications 576, 763, and 1589, respectively) for diversion from the Sacramento River and License 7060 (Application 11899) for diversions from the Colusa Drain. These Licenses together with the District's riparian and pre-1914 claims to the Sacramento River are also covered by the District's Sacramento River Settlement Contract with the U.S. Bureau of Reclamation for the April through October period.

H. Minimum and maximum water use quantities include the total diversions from the Sacramento River pursuant to the District's aforementioned Licenses, riparian and pre-1914 claims, and Sacramento River Settlement Contract for the April through October period.

I. Due to the District's extensive recirculation system which allows for the comingling of recirculated water through most of the District, the total irrigates acreage identified in the table below under this Initial Statement of Water Diversion and Use includes the total irrigated acreage under the District's riparian claims for diversions from the Sacramento River at Wilkins Slough, Locvich, Hine, North Steiner, South Steiner, Poundstone South (Emery Poundstone), and El Dorado Bend pumping plants. Individual Initial Statements of Water Diversion and Use will be filed by the District for riparian and pre-1914 claimed diversions from the Sacramento River at each point of diversion identified in the attached Tables 1-3. Acreage identified under the District's riparian claim is also irrigated pursuant to the District's other previously identified water right Licenses and Sacramento River Settlement Contract.

Crop Type	Irrigated Acreage within the District's Riparian Claimed Lands
Alfalfa	1,683
Corn	468
Cucumber	75
Garb Beans	154
Lima Beans	52
Melons	382
Orchard	662
Pasture	163
Pumpkins	4
Rice	3,675
Safflower	165
Sunflowers	723
Tomatoes	2,125
Vine seed	670
Watermelon	9
Wheat	906
Total	***11,916***

K.1. The objective of the District is to maximize the beneficial use of water by implementing numerous water conservation efforts including, but not limited to an extensive recirculation system, automated canal control structures, variable frequency drives at several pumping plants, metering return flows, installation and operation of a Supervisory Control And Data Acquisition (SCADA) System, irrigation scheduling techniques and technologies, water conservation programs for landowners, weed management programs, canal lining, pipeline installation, and educational tools for District staff and its landowners. In addition, the District's landowners have implemented numerous water conservation efforts including, but not limited to land leveling, irrigation scheduling techniques and technologies, varietal changes, crop shifts, drainage improvements, reduced spill from rice fields, and minimum tillage techniques. Furthermore, the District and its landowners have participated in numerous water transfers involving crop fallowing and shifting, which have resulted in reduced diversions. Estimated quantities of conserved water from Sacramento River diversions are identified on the Reports of Licensee filed by the District for water right Licenses 3065, 3066, and 3067 (Applications 576, 763, and 1589, respectively).

K.3. During 2009, the District participated in a water transfer by groundwater substitution. This involved pumping groundwater for use within the District in lieu of diverting surface water from the Sacramento River under the District's Licenses, riparian and pre-1914 claims, and Sacramento River Settlement Contract with the U.S. Bureau of Reclamation.

Table 1
Reclamation District 108
Point of Diversion Location and Description

Items C - F

Name of Diversion Works	Source	Type of Diversion Facility [Gravity, River Pump, Well Pump]	Capacity of Diversion Works [cfs, gpm, gpd]	Capacity of Storage Tank or Reservoir [gallons or AF]	Method of Measurement [Weir, Flume, In-line Flow Meter, Estimate]	Do you own the land at the POD [Y/N]	Coordinates [2/]		Location Description [3/] [1/4, 1/4, Section, Township, Range]	County POD is located	County Assessor Parcel Number
							Easting	Northing			
Poundstone North Pumping Plant	Sacramento River	River Pump	30 cfs	N/a	In-line Flow Meter	N [1/]	6593042	2152281	SW 1/4, SW 1/4, Section 8, T14N, R01E	Colusa	019-110-018
Wilkins Slough Pumping Plant	Sacramento River	River Pump, Gravity	800 cfs	N/a	In-line Flow Meter	Y	6610741	2130556	SW 1/4, SE 1/4, Section 35, T14N, R01E	Colusa	022-130-010
Locvich Pumping Plant	Sacramento River	River Pump	10 cfs	N/a	In-line Flow Meter	N [1/]	6612526	2128491	SE 1/4, NE 1/4, Section 2, T13N, R01E	Colusa	022-140-028
Hine Pumping Plant	Sacramento River	River Pump	10 cfs	N/a	In-line Flow Meter	N [1/]	6614202	2127970	SW 1/4, NW 1/4, Section 1, T13N, R01E	Colusa	022-140-015
N. Steiner Pumping Plant	Sacramento River	River Pump	15 cfs	N/a	In-line Flow Meter	Y	6617851	2125877	SE 1/4, SE 1/4, Section 1, T13N, R01E	Colusa	022-140-033
S. Steiner Pumping Plant	Sacramento River	River Pump	30 cfs	N/a	In-line Flow Meter	Y	6613804	2122201	NW 1/4, SW 1/4, Section 12, T13N, R01E	Colusa	022-140-031
Poundstone South Pumping Plant (Emery Poundstone)	Sacramento River	River Pump, Gravity	300 cfs	N/a	In-line Flow Meter	Y	6608243	2105178	SW 1/4, SW 1/4, Section 26, T13N, R01E	Colusa	022-220-016
El Dorado Bend Pumping Plant (2047)	Sacramento River	River Pump, Gravity	277 cfs	N/a	In-line Flow Meter	Y	6622559	2073842	NE 1/4, SE 1/4, Section 30, T12N, R02E	Yolo	056-010-018

Note:

[1/] These pumps are not owned or operated by Reclamation District 108; however, they are included in the District's Sacramento River Settlement Contract with the US Bureau of Reclamation.

[2/] California State Plane Coordinate System, Zone 2, NAD 83 feet.

[3/] Location descriptions reference MDB&M.

Table 2
Reclamation District 108
Average Rate of Diversions from the Sacramento River (cfs)

Item F cont.

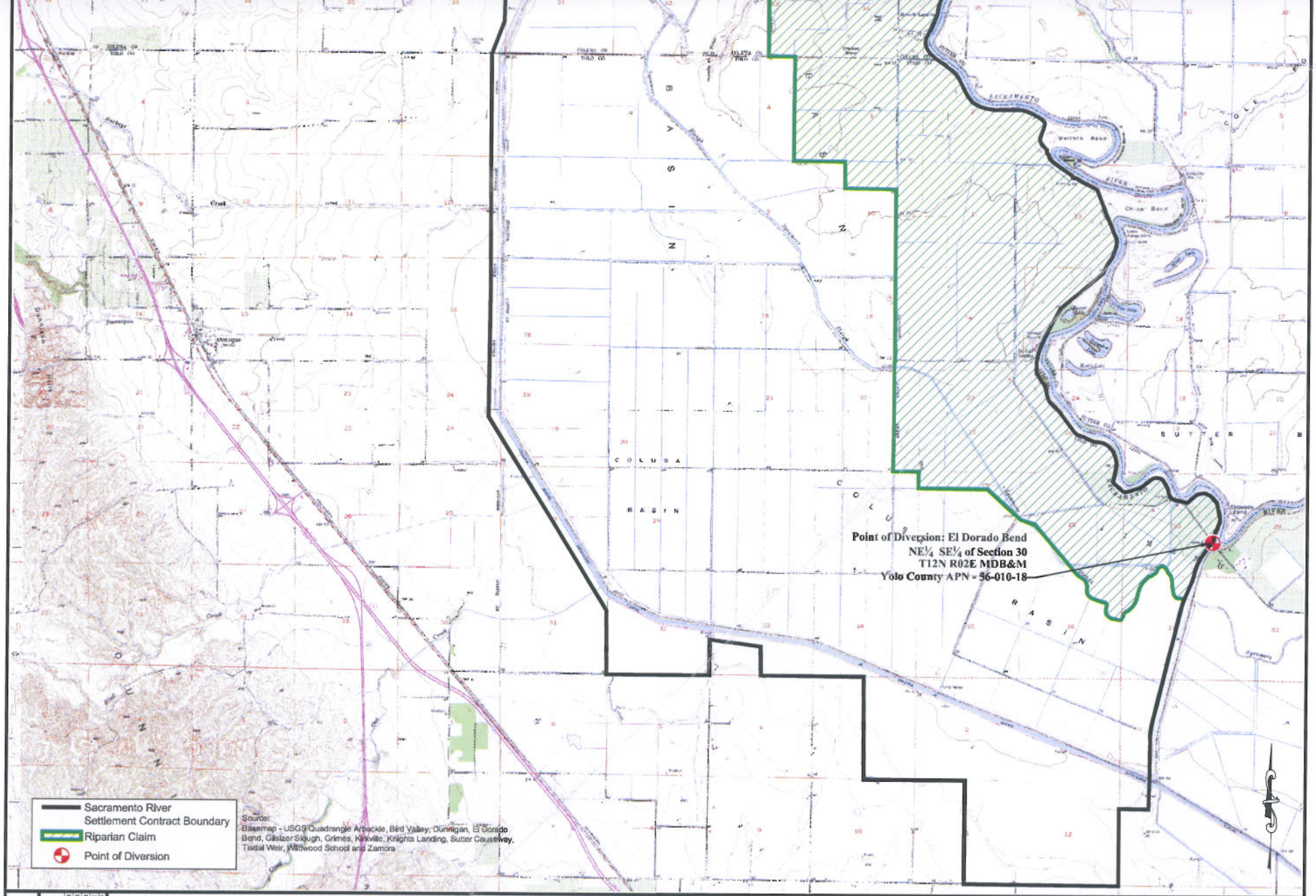
Location	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Poundstone (N)	0	0	0	4	9	8	7	3	0	0	6	3
Wilkins Slough	0	0	0	121	461	438	367	234	9	24	248	45
Hine	0	0	0	1	2	1	2	2	0	0	0	0
Locvich	0	0	0	0	1	1	0	0	0	0	0	0
N. Steiner	0	0	0	0	2	2	2	1	0	0	0	0
S. Steiner	0	0	0	0	5	16	11	6	2	0	0	0
Poundstone (S) - Emery Poundstone	0	0	0	72	147	147	139	89	23	4	0	0
El Dorado Bend (2047)	0	0	0	18	49	52	53	0	0	0	0	0

Table 3
Reclamation District 108
Monthly Diversions from the Sacramento River (AF) [1,2]

Item G

Location	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Poundstone (N)	0	0	0	238	523	496	403	189	25	0	375	156	**2,405**
Wilkins Slough	0	0	0	7,227	28,353	26,039	22,573	14,368	514	1,481	14,735	2,768	**118,058**
Hine	0	0	0	64	93	89	131	94	16	0	0	0	**487**
Locvich	0	0	0	27	71	47	24	0	0	0	0	0	**169**
N. Steiner	0	0	0	0	133	120	120	38	13	0	0	0	**424**
S. Steiner	0	0	0	0	284	971	695	366	145	0	0	0	**2,461**
Poundstone (S) - Emery Poundstone	0	0	0	4,283	9,069	8,727	8,569	5,473	1,384	275	0	0	**37,780**
El Dorado Bend (2047)	0	0	0	1,052	3,041	3,070	3,251	0	0	0	0	0	**10,414**

1. Sacramento River Diversions during February, March, November and December are based on metered flow records, or estimates based on pump tests, pump operating hour records, and calculations by District staff.
2. Sacramento River Diversions during April through October are based on measured data obtained from Reclamation Water Account Records.

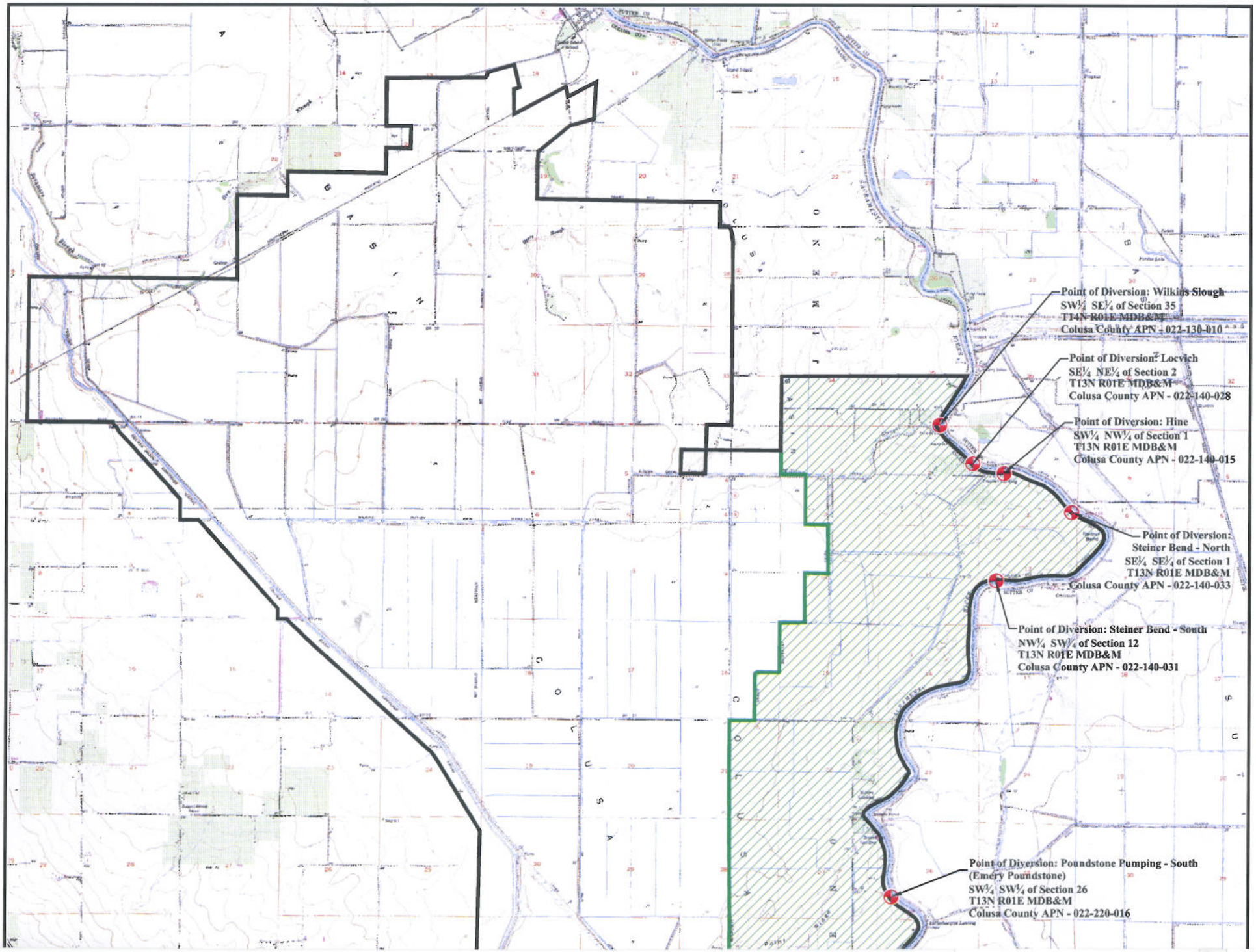


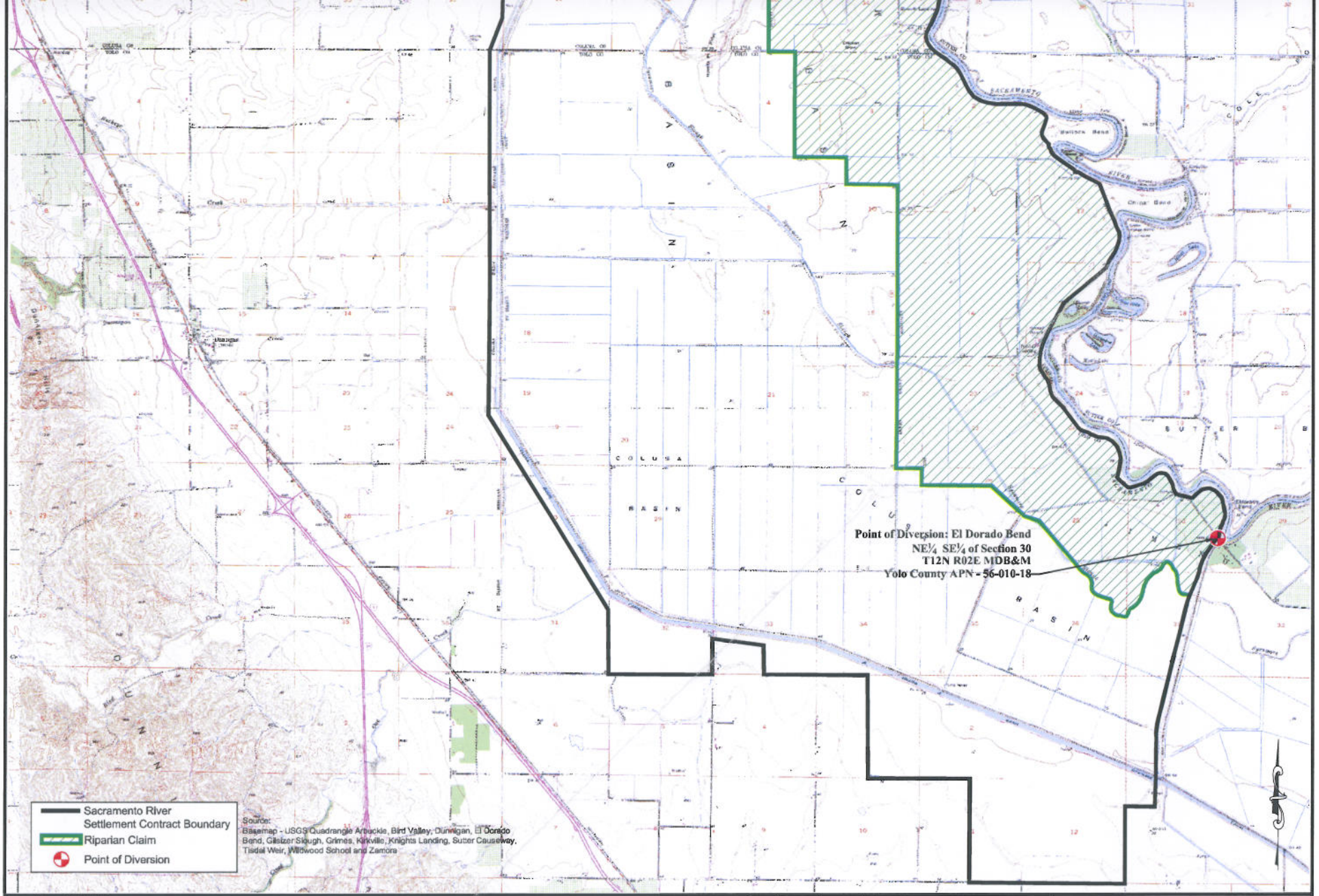
Reclamation District No. 108

Initial Statement of Water Diversion and Use

No.	DATE	APPROVED	REVISION

MBK ENGINEERS
2450 Alhambra Boulevard, 2nd Floor
Sacramento, California 95817
Phone: (916) 456-4400 • Fax: (916) 456-0253


Point of Diversion: Wilkins Slough
SW¼ SE¼ of Section 35
T14N R01E MDB&M
Colusa County APN - 022-130-010
Point of Diversion: Locvich
SE¼ NE¼ of Section 2
T13N R01E MDB&M
Colusa County APN - 022-140-028
Point of Diversion: Hine
SW¼ NW¼ of Section 1
T13N R01E MDB&M
Colusa County APN - 022-140-015
Point of Diversion:
Steiner Bend - North
SE¼ SE¼ of Section 1
T13N R01E MDB&M
Colusa County APN - 022-140-033
Point of Diversion: Steiner Bend - South
NW¼ SW¼ of Section 12
T13N R01E MDB&M
Colusa County APN - 022-140-031
Point of Diversion: Poundstone Pumping - South
(Emery Poundstone)
SW¼ SW¼ of Section 26
T13N R01E MDB&M
Colusa County APN - 022-220-016



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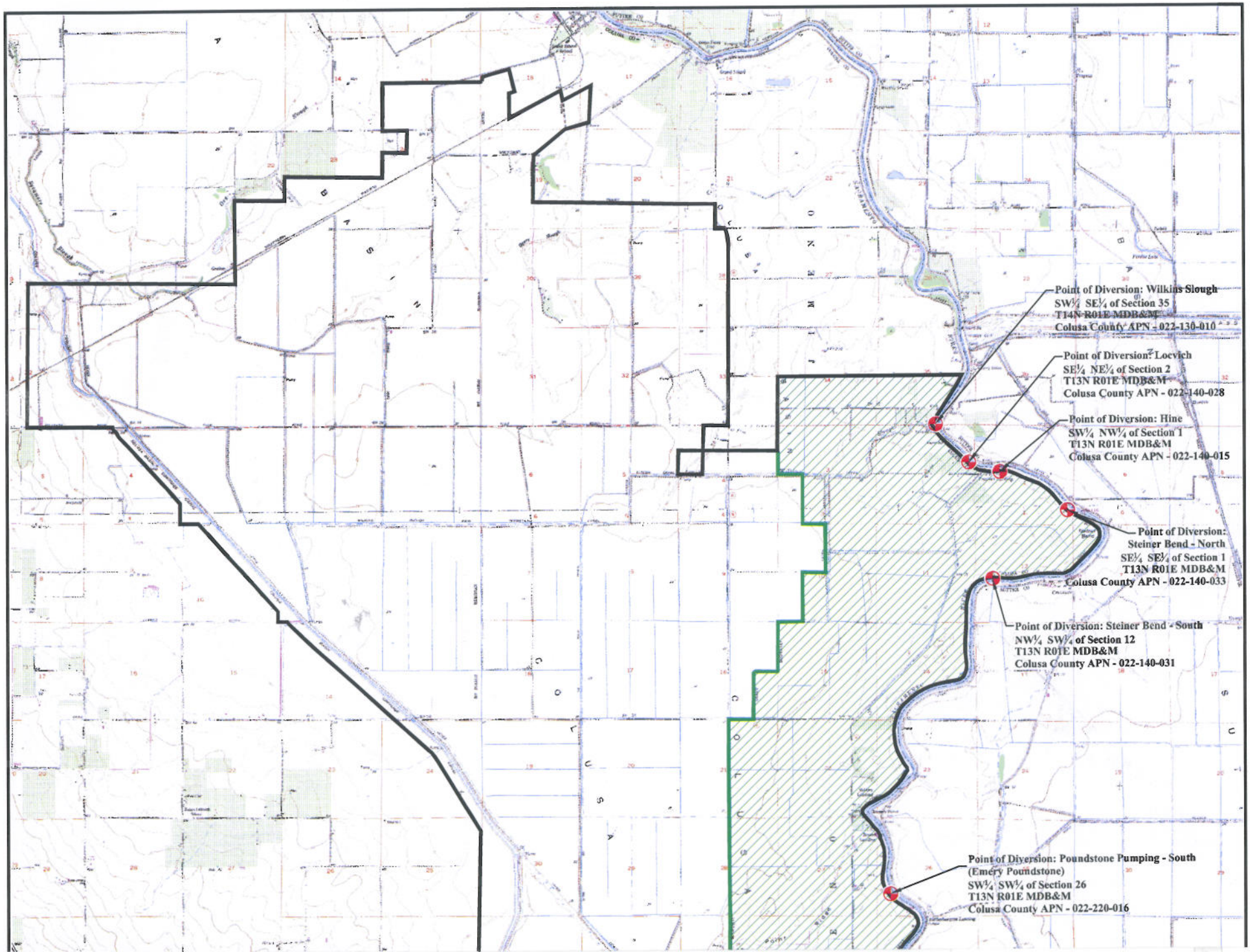
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T14N R01E MDB&M
Colusa County APN - 022-130-010
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T13N R01E MDB&M
Colusa County APN - 022-140-028
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SW¼ NW¼ of Section 1
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Point of Diversion: Poundstone Pumping - South
(Emery Poundstone)
SW¼ SW¼ of Section 26
T13N R01E MDB&M
Colusa County APN - 022-220-016