

2/9/12 VD

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

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 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.

Poundstone S. Pump Plant (Emery Poundstone)
Name of the diversion works is _____ Related Water Right(s) See Attachment

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

See Attached Table 1.

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

Type of diversion facility: Gravity Creek Pump Well Pump _____

Method of measurement: Weir _____ Flume _____ In line flow meter 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 gpm _____, or gpd _____

| Year | Jan | Feb | Mar | Apr | May | June | July | Aug | Sept | Oct | Nov | Dec |
|------|-----|-----|-----|-----|-----|------|------|-----|------|-----|-----|-----|
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |

See Attached Table 2.

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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 XXXX acre-feet) Minimum 180,785 (gallons or XXXX acre-feet)

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

*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 Bair
(first name) (middle initial) (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 from 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 irrigated 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 |

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

- 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.

| Year | Quantity (AF) | Source |
|------|---------------|-------------|
| 2009 | 1.0 | Groundwater |
| 2008 | 1.0 | Groundwater |
| 2007 | 1.0 | Groundwater |
| 2006 | 1.0 | Groundwater |
| 2005 | 1.0 | Groundwater |
| 2004 | 1.0 | Groundwater |
| 2003 | 1.0 | Groundwater |
| 2002 | 1.0 | Groundwater |
| 2001 | 1.0 | Groundwater |
| 2000 | 1.0 | Groundwater |
| 1999 | 1.0 | Groundwater |
| 1998 | 1.0 | Groundwater |
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| 1908 | 1.0 | Groundwater |
| 1907 | 1.0 | Groundwater |
| 1906 | 1.0 | Groundwater |
| 1905 | 1.0 | Groundwater |
| 1904 | 1.0 | Groundwater |
| 1903 | 1.0 | Groundwater |
| 1902 | 1.0 | Groundwater |
| 1901 | 1.0 | Groundwater |
| 1900 | 1.0 | Groundwater |

Table 1
 Reclamation District 108
 Point of Diversion Location and Description

| 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 ^{3/} | 6583042 | 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 ^{3/} | 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 ^{3/} | 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.

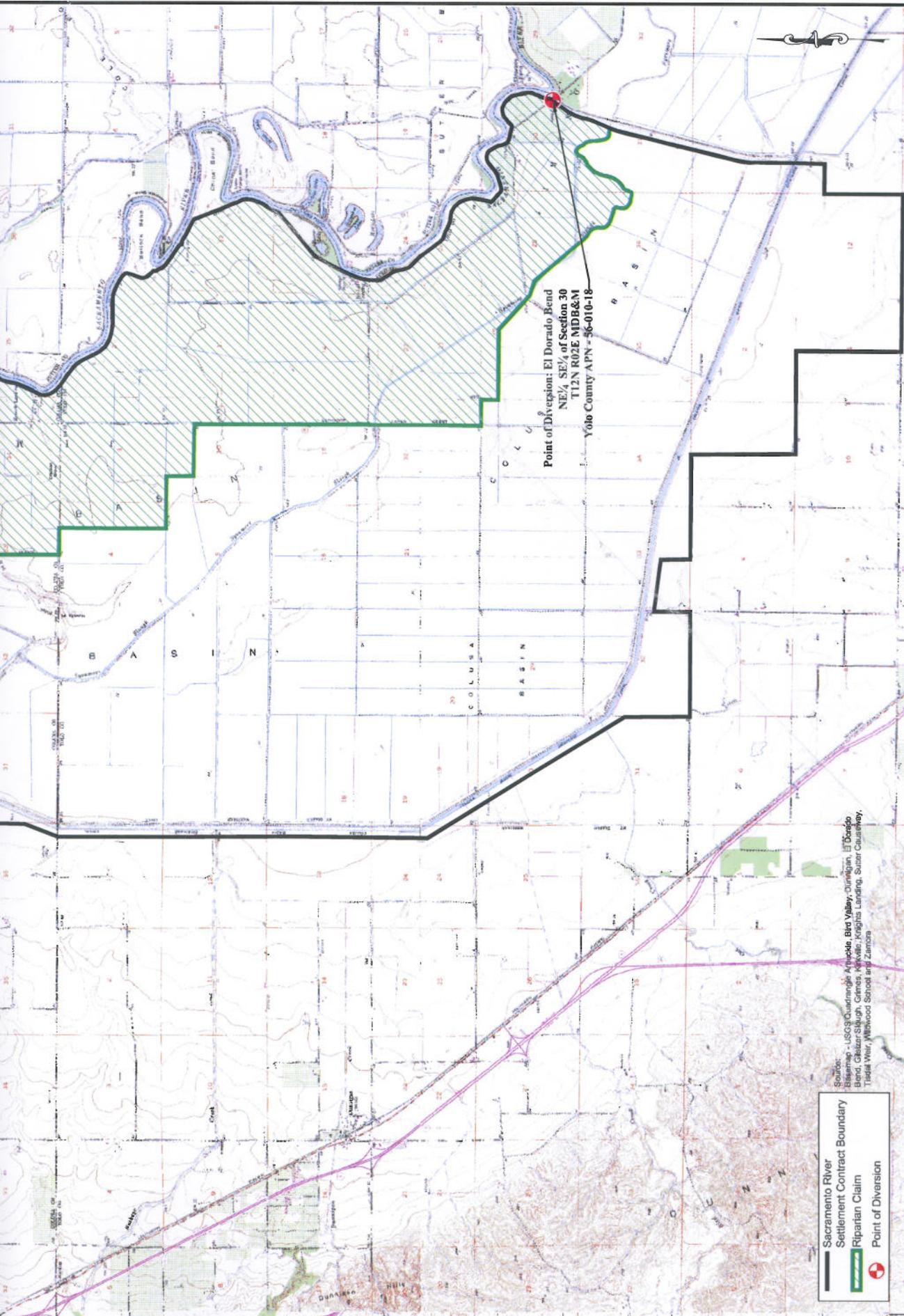
Table 2
Reclamation District 108
Average Rate of Diversions from the Sacramento River (cfs)

| 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.



Point of Diversion: El Dorado Bend
 NE 1/4, SE 1/4 of Section 30
 T12N R02E MDB&M
 Yolo County APN = 36-010-1B

Source:
 Basemap - USGS Quadrange Arroyo, Bro Valley, Dunigan, El Dorado
 Bend, Glesler Slough, Grimes, Kettle, Knights Landing, Sutter Causeway,
 Tisdal Weir, Wildwood School and Zamora

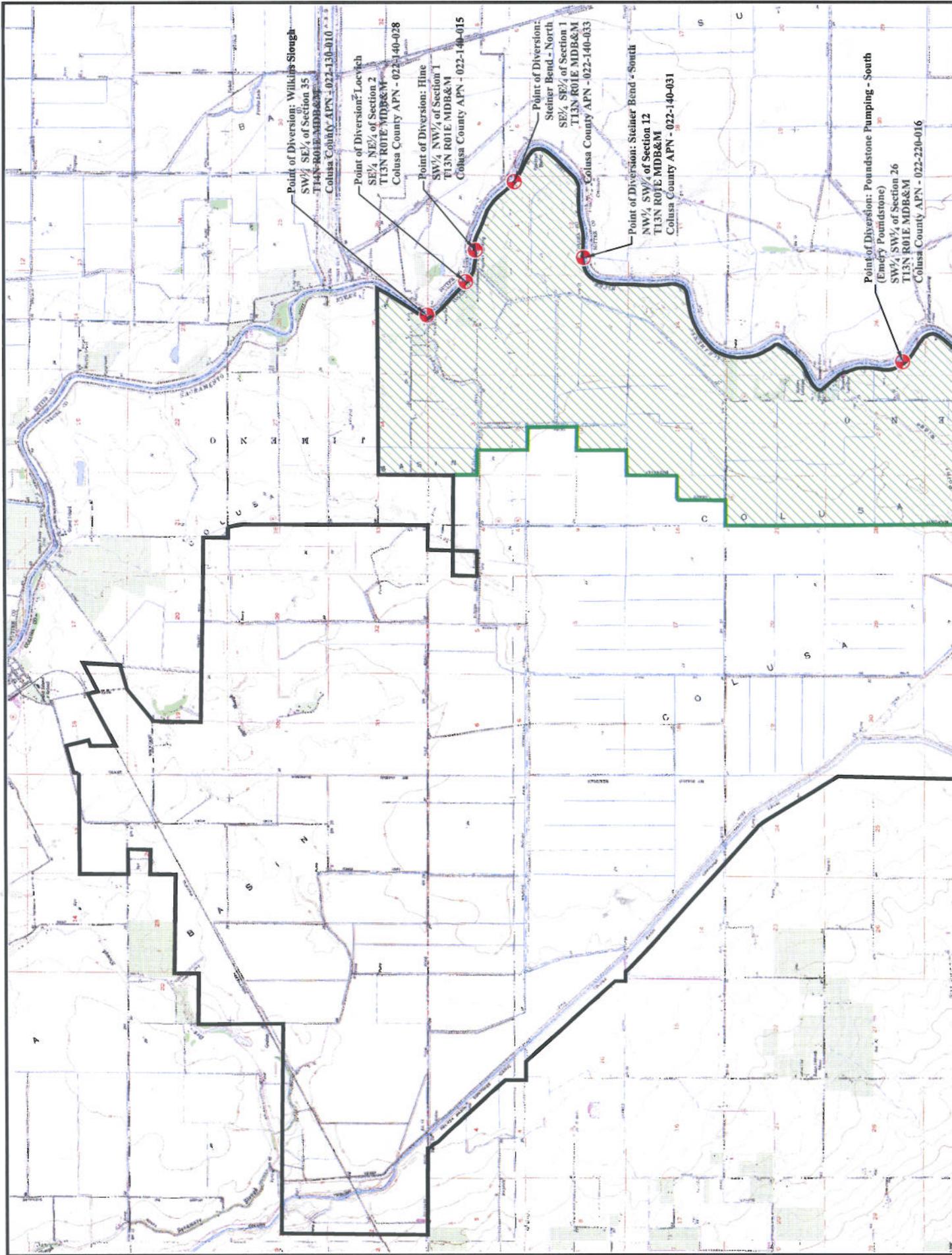
- Sacramento River
- Settlement Contract Boundary
- Riparian Claim
- Point of Diversion

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

| NO. | DATE | APPROVED | REVISION |
|-----|------|----------|----------|
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Reclamation District No. 108
 Initial Statement of Water Diversion and Use

SCALE: 1" = 1000'
 SHEET 1 OF 1



Point of Diversion: Wilkins Slough
SW 1/4 SE 1/4 of Section 35
T14N R01E MDB&M
Colusa County APN - 022-130-010

Point of Diversion: Loevich
SE 1/4 NE 1/4 of Section 2
T13N R01E MDB&M
Colusa County APN - 022-140-028

Point of Diversion: Hine
SW 1/4 NW 1/4 of Section 1
T13N R01E MDB&M
Colusa County APN - 022-140-015

Point of Diversion: Steiner Bend - North
SE 1/4 SE 1/4 of Section 1
T13N R01E MDB&M
Colusa County APN - 022-140-033

Point of Diversion: Steiner Bend - South
NW 1/4 SW 1/4 of Section 12
T13N R01E MDB&M
Colusa County APN - 022-140-031

Point of Diversion: Poundstone Pumping - South
(Emergy Poundstone)
SW 1/4 SW 1/4 of Section 26
T13N R01E MDR&M
Colusa County APN - 022-220-016