



Existing Points of Diversion
40-acre subdivision of public land survey or projection thereof

Map Point	Description	Section	Township	Range	B. & M.
1	Camanche Reservoir: South 41° 33' West, 1,824 feet from E1/4 corner of Section 6	SE 1/4 of SE 1/4	6	4N	9E MD
2	Direct Diversion & Rediversion: North 2,600 feet and West 1,000 feet from SE corner of Section 26	NE 1/4 of SE 1/4	26	4N	7E MD
3	Direct Diversion & Rediversion: South 75 feet and East 850 feet from W 1/4 corner of Section 35	NW 1/4 of SW 1/4	35	4N	7E MD
4	Diversion and Rediversion: California Coordinate Zone 3, North 2,243,629 feet and East 6,355,205 feet	SE 1/4 of NW 1/4	33	4N	7E MD

Proposed Points of Diversion
California Coordinate System, Zone 3

Map Point	Northing	Easting	1/4-1/4	Section	Township	Range	B. & M.
1	2,268,941	6,411,485	SE of SE	6	T4N	R9E	M.D.
2	2,248,724	6,368,412	SE of NE	26	T4N	R7E	M.D.
3	2,243,275	6,364,793	NW of SW	35	T4N	R7E	M.D.
4	2,243,629	6,355,205	SE of NW	33	T4N	R7E	M.D.
5	2,244,462	6,332,349	SW of NW	35	T4N	R6E	M.D.
6	2,263,230	6,319,530	NW of SE	8	T4N	R6E	M.D.

Recharge Site Location

Recharge Site	Within	Section	Township	Range	B&M
CalFed	NW of NW	33	4N	7E	M.D.
	SW of NW	33	4N	7E	M.D.
Tracy Lake	SW of SW	3	4N	6E	M.D.
	NE of NE	8	4N	6E	M.D.
	SW of NE	8	4N	6E	M.D.
	SE of NE	8	4N	6E	M.D.
	NW of SE	8	4N	6E	M.D.
	NE of SE	8	4N	6E	M.D.
	NW of NW	9	4N	6E	M.D.
	NE of NW	9	4N	6E	M.D.
	SW of NW	9	4N	6E	M.D.
	SE of NW	9	4N	6E	M.D.
NW of NE	9	4N	6E	M.D.	
NE of NE	9	4N	6E	M.D.	
SW of NE	9	4N	6E	M.D.	
SE of NE	9	4N	6E	M.D.	
NW of SW	9	4N	6E	M.D.	
NW of NW	10	4N	6E	M.D.	

Recharge Site Capacity

Site Name	Status	Approx. Surface Area (acres)	Estimated Max Percolation Rate (feet/day)	Estimated Seasonal Recharge Capacity ¹ (acre-feet)
CalFed	Existing, presently inactive	10	3	6,400
Tracy Lake	Proposed	138	0.25	7,400

Underground Reservoir Capacity

Groundwater Subbasin	Total Basin ¹		Basin Overlain By District	
	Area (acres)	Estimated Capacity ² (acre-feet)	Area (acres)	Estimated Capacity ³ (acre-feet)
Eastern San Joaquin	707,000	42,400,000	71,000	5,137,000
Cosumnes	281,000	6,000,000	86,000	1,836,000

Notes:

- Based on diversion season of December 1 to July 1.
- Source of information for Total Basin is DWR Bulletin 118, 2006 Update.
- Per Bulletin 118, estimated total basin capacity is underestimated for Eastern San Joaquin, as it is based on an area of 586,000 acres.
- Estimated capacity of basin overlain by District is based on ratio of area. For Eastern San Joaquin, a total area of 586,000 acres is assumed based on Note 2.

I, NICHOLAS F. BONSIGNORE OF 2151 RIVER PLAZA DRIVE, SUITE 100, SACRAMENTO, CALIFORNIA, DO HEREBY CERTIFY THAT THIS MAP WAS PREPARED UNDER MY DIRECT SUPERVISION BASED ON U.S.G.S. 7.5 MINUTE QUADRANGLES FOR THE AREA, DEPARTMENT OF WATER RESOURCES BULLETIN 146 AND BULLETIN 118, U.S.G.S. PROFESSIONAL PAPER 1401-A, SAN JOAQUIN COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT FALL 1998 GROUNDWATER REPORT, BOUNDARY DESCRIPTION BY JEFF D. LUND, PLS, DATED JUNE 10, 2004, AND FROM INFORMATION PROVIDED BY NORTH SAN JOAQUIN WATER CONSERVATION DISTRICT, AND THE CITY OF LODI, AND THAT IT CORRECTLY REPRESENTS THE PROJECT DESCRIBED IN THE ACCOMPANYING PETITION, AND SHOWS THE LOCATION OF STREAMS IN THE IMMEDIATE VICINITY, AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

AMENDED MAP TO ACCOMPANY PERMIT 10477 (APPLICATION 12842) PETITION FOR ADDITION OF POINTS OF DIVERSION, CHANGE IN PURPOSE AND PLACE OF USE, DISTRIBUTION OF STORAGE, AND UNDERGROUND STORAGE SUPPLEMENT by NORTH SAN JOAQUIN WATER CONSERVATION DISTRICT San Joaquin County, California

Wagner Bonsignore
Consulting Civil Engineers, A Corporation

NICHOLAS F. BONSIGNORE DATE
R.C.E. NO. 39422
EXPIRES 12-31-15

DECEMBER 10 2014
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