

Please indicate County where your project is located here:

Merced/Mariposa

MAIL FORM AND ATTACHMENTS TO:
State Water Resources Control Board
DIVISION OF WATER RIGHTS
P.O. Box 2000, Sacramento, CA 95812-2000
Tel: (916) 341-5300 Fax: (916) 341-5400
http://www.waterboards.ca.gov/waterrights

PETITION FOR CHANGE INVOLVING WATER TRANSFERS

Separate petitions are required for each water right. Mark all areas that apply to your proposed change(s). Incomplete forms may not be accepted. Location and area information must be provided on maps in accordance with established requirements. (Cal. Code Regs., tit. 23, § 715 et seq.) Provide attachments if necessary.

- Point of Diversion, Point of Rediversion, Place of Use, Purpose of Use, Temporary Urgency, Temporary Change, Long-term Transfer, Instream Flow Dedication

Application 1224 Permit 914 License 2685 Statement

I (we) hereby petition for change(s) noted above and described as follows:

Point of Diversion or Rediversion - Provide source name and identify points using both Public Land Survey System descriptions to 1/4-1/4 level and California Coordinate System (NAD 83).

Present: See Attachment
Proposed: See Attachment

Place of Use - Identify area using Public Land Survey System descriptions to 1/4-1/4 level; for irrigation, list number of acres irrigated.

Present: See Attachment
Proposed: See Attachment

Purpose of Use

Present: No change requested
Proposed: No change requested

Instream Flow Dedication - Provide source name and identify points using both Public Land Survey System descriptions to 1/4-1/4 level and California Coordinate System (NAD 83).

Upstream Location:
Downstream Location:

Table with 12 columns for months (Jan-Dec) and 2 rows for flow quantities (cubic feet per second or gallons per day).

Will the dedicated flow be diverted for consumptive use at a downstream location? Yes No
If yes, provide the source name, location coordinates, and the quantities of flow that will be diverted from the stream.

Proposed New User(s)

Provide the names, addresses, and phone numbers for all proposed new user(s) of the water right.

See Attachment

Amount of Water to be Transferred

acre-feet will be transferred. If the basis of right is direct diversion, the average rate of diversion for the maximum 30-day period of use is cubic feet per second or million gallons per day.

General Information – Provide the following information, if applicable to your proposed change(s).

Have you attached an analysis which documents that the amount of water to be transferred or exchanged would have been consumptively used or stored in the absence of the proposed temporary change or long-term transfer? Yes No

Have you attached an analysis of any changes to streamflow, water quality, timing of diversion or use, return flows, or effects on legal users from the proposed temporary change or long-term transfer? Yes No

Have you attached an analysis that shows the proposed temporary change or long-term transfer will not unreasonably affect fish, wildlife, or other instream beneficial uses? Yes No

I (we) have access to the proposed point of diversion or control the proposed place of use by virtue of:
 ownership lease verbal agreement written agreement

If by lease or agreement, state name and address of person(s) from whom access has been obtained.

Give name and address of any person(s) taking water from the stream between the present point of diversion or rediversion and the proposed point of diversion or rediversion, as well as any other person(s) known to you who may be affected by the proposed change.

All Right Holders Must Sign Below: I (we) declare under penalty of perjury that this involves only the amount of water which would have been consumptively used or stored in the absence of the proposed temporary change, and that the above is true and correct to the best of my (our) knowledge and belief.

Dated at

Hollan Soll

Right Holder or Authorized Agent Signature

Right Holder or Authorized Agent Signature

NOTE: All petitions must be accompanied by:
(1) the form Environmental Information for Petitions, available at: http://www.waterboards.ca.gov/waterrights/publications_forms/docs/pet_info.pdf
(2) Division of Water Rights fee, per the Water Rights Fee Schedule, available at: http://www.waterboards.ca.gov/waterrights/water_issues/programs/fees/
(3) Department of Fish and Wildlife fee of \$850 (Pub. Resources Code, § 10005)

**Attachment to Petition for Temporary Transfer
License 2685 (Application 1224)
held by Merced Irrigation District**

PURPOSE OF PETITION

The purpose of this Petition for Change Involving Water Transfers (Petition) is to: (1) add the State Water Project's (SWP) Harvey O. Banks Pumping Plant and San Luis Reservoir as additional points of rediversion, and (2) add the service area of the SWP as an additional place of use under Merced Irrigation District's (Merced) License 2685 (Application 1224) for up to 20,000 AF of surface water for use within the Belridge Water Storage District (Belridge). The releases by Merced for the proposed water transfer would occur during the period of July through October. Belridge is coordinating with the Department of Water Resources (DWR) for the use of the SWP's Banks Pumping Plant, which is the preferable diversion and conveyance facility for the water made available by Merced. Belridge will coordinate with the operators for each of the other facilities, as necessary. Surface water will be made available by Merced for the proposed temporary water transfer through releases from Lake McClure (New Exchequer Dam) that would have been stored in absence of the proposed transfer. Releases from Lake McClure would be increased during the proposed temporary water transfer as compared to the condition absent the transfer. The proposed water transfer involves refill of the reservoir, which normally occurs during periods of high runoff. Merced will implement refill criteria to assure no impact occurs to downstream water right holders. Absent the proposed temporary transfer, Merced would retain the entire quantity proposed for transfer in storage pursuant to its water right. Belridge is a member of the Kern County Water Agency. Absent the proposed temporary transfer, Belridge would acquire other supplemental market water supplies or recover the quantity from banked water accounts in Kern County.

POINT OF DIVERSION OR REDIVERSION

Other than that stated above, no change in Merced's present points of diversion or points of rediversion are proposed. Merced's authorized points of diversion and rediversion under License 2685 are listed below:

Present Points of Diversion:

New Exchequer Dam (Lake McClure)

The point of diversion to storage of such water is located South thirty-eight degrees, no minutes West (S 38° 0' W), thirty eight hundred (3800) feet from the NE corner of Section 13, T4S, R15E, MBD&M, being within the NW ¼ of SE ¼ of said Section 13 in Mariposa County.

Merced Falls Diversion Dam for Northside Canal

Point of direct diversion and rediversion from Merced River for Northside Canal is located North sixty eight degrees, no minutes West (N 68° 0' W) twenty seven hundred fifty (2750) feet from the SE corner of Section 4, T5S, R15E, MDB&M., being within the SW ¼ of SE ¼ of Section 7 in Merced County.

Crocker-Huffman Diversion Dam for Main Canal

Point of direct diversion and redirection from Merced River for Main Canal is located North forty seven degrees, thirty minutes East (N 47° 30'E) twenty eight hundred thirty (2830) feet from the SW corner of Section 7, T5S, R15E, MDB&M, being within the NE ¼ of SW ¼ of said Section 7 in Merced County.

Mariposa Town Planning Area

Point of direct diversion from Merced River for Mariposa Town Planning Area Main is located at a point North 48°34'35" West 1,113 feet from SE corner of Section 9, within the SE ¼ of the SE ¼ of Section 9, T4S, R18E, MDB&M in Mariposa County.

Present Points of Rediversion:

Merced Falls Diversion Dam for Northside Canal

Point of direct diversion and redirection from Merced River for Northside Canal is located North sixty eight degrees, no minutes West (N 68° 0' W) twenty seven hundred fifty (2750) feet from the SE corner of Section 4, T5S, R15E, MDB&M., being within the SW ¼ of SE ¼ of Section 7 in Merced County.

Crocker-Huffman Diversion Dam for Main Canal

Point of direct diversion and redirection from Merced River for Main Canal is located North forty seven degrees, thirty minutes East (N 47° 30'E) twenty eight hundred thirty (2830) feet from the SW corner of Section 7, T5S, R15E, MDB&M, being within the NE ¼ of SW ¼ of said Section 7 in Merced County.

Duck Slough (formerly El Nido Irrigation District)

Point of redirection located on Duck Slough at a point 100 feet North and 50 feet East of ¼ Cor. Sections 10 and 11, T8S, R14E, within the SW ¼ of the NW ¼ Section 11, T8S, R14E, MDB&M in Merced County. This point of redirection is associated with the former place of use for El Nido Irrigation District described below and in Licenses 6032 and 9429 (Applications 8238 and 18774), formerly held by El Nido Irrigation District and now held by Merced.

Proposed:

Other than that stated above, no change in the present points of diversion and redirection is proposed. Merced proposes to add the following points of redirection:

Banks Pumping Plant via the Clifton Court Forebay

N 2,126,440 ft., E 6,256,425 ft., California Coordinate System Zone 3, NAD 83, being within the NW ¼ of SE ¼ of Projected Section 20, T1S, R4E, MDB&M. This proposed additional point of redirection is identified on maps filed with the Division under Application 5630.

San Luis Reservoir

N 1,845,103 ft., E 6,393,569 ft., California Coordinate System Zone 3, NAD 83, being within the SW ¼ of SE ¼ of Projected Section 15, T10S, R8E, MDB&M. This proposed

additional point of diversion is identified on maps filed with the Division under Application 5630.

PLACE OF USE

Present Places of Use:

Domestic and irrigation purposes on 164,395 gross acreage within the boundaries of Merced Irrigation District as shown on map of District filed with the Division of Water Rights December 11, 1942.

Municipal use to 1,900 acres known as the Mariposa Town Planning Area, located within portions of projected Sections 9, 10, 11, 14, 15, 16, 22, 23, 24, 25, 26, and 36, T5S, R18E, MDB&M, as shown on a map on file with the State Water Resources Control Board dated May 1, 1995.

Irrigation purposes on 9,418.6 acres within the boundaries of the former El Nido Irrigation District as shown on map of El Nido Irrigation District filed with the Division of Water Rights for Application 8238. El Nido Irrigation District has been consolidated with Merced.

Proposed Place of Use:

No change to the present place of use is proposed. Merced proposes to add a portion of the SWP service area as an additional place of use in order to facilitate the temporary water transfer. This portion of the service area of the SWP is shown on Map 1878 –2 on file with the Division under Application 5630.

PROPOSED NEW USERS

Belridge Water Storage District
Greg A. Hammett, PG, General Manager
21908 Seventh Standard Road
McKittrick, CA 93251
(661) 762-7316
ghammett@belridgewsd.com

GENERAL INFORMATION

As a result of this proposed temporary transfer, the flow in the Merced River will increase by up to 20,000 AF during the period of the transfer over what would have occurred absent the proposed transfer. Merced is proposing to add the SWP's Banks Pumping Plant and San Luis Reservoir as additional points of rediversion. The proposed quantity of water for transfer will be rediverted at the SWP's existing Banks Pumping Plant, located in the Delta, and conveyed through existing facilities to Belridge. Belridge is coordinating with DWR for the use of SWP's Banks Pumping Plant, which is the preferable diversion and conveyance facility for the water made available by Merced. Belridge will coordinate with the operators for each of the other facilities, as necessary. The quantity of surface water will be made available from Merced by releases of previously stored water. Merced will continue to make available the same surface water supplies to its existing customers with or without the proposed temporary water transfer. In addition, Merced is required to release water to meet its other existing downstream

Merced Irrigation District License 2685 (Application 1224)
Attachment to Petition for Temporary Transfer

commitments and requirements on the Merced River below the inlet to its Main Canal. Deliveries to Belridge will be in addition to existing downstream requirements. Therefore, there will be no downstream change of the streamflow, water quality, timing of diversion, return flows, effects on legal users of water, or change in the purposes of use authorized by License 2685 during the period of the proposed temporary transfer, which is proposed to occur during the period of July through October. In addition to the proposed temporary transfer in this Petition, Merced is coordinating with local entities in Merced County for a potential temporary water transfer of 20,000 AF. Including these two water transfers, storage in Lake McClure at the end of October 2018 is projected to be approximately 569,600 AF. If the entire amount of water is transferred, projected storage in Lake McClure would amount to a decrease of approximately 7 percent.

A potential effect to the downstream flow from the release of stored water may arise during the subsequent refill of the 20,000 AF of vacated stored water. This refill normally occurs during periods of high runoff and periods of low water demand by downstream water right holders. Merced will implement refill criteria to ensure no impact occurs. Absent the proposed temporary transfer, Merced would retain the entire quantity proposed for transfer in storage pursuant to its water rights, and Belridge would meet its demand through alternate supplies.

Although there are water users taking water from the stream between Merced's current points of return flow and the points at which Belridge would return water to the system, we have responded to the relevant section of the Petition form as "not applicable." Merced would not transfer water such that it would adversely impact water users within Merced, and Merced will continue to make available the same surface water deliveries to its existing customers with or without the proposed temporary water transfer; therefore, there will be no change in the return flow pattern from water users within Merced.

See files of SWRCB for more information regarding other legal water users, which may include the Delta water users, the CVP, and the SWP. The Department of Fish and Wildlife (DFW) and the Central Valley Regional Water Quality Control Board (CVRWQCB) were contacted. Consultation with Annette Tenneboe, Regional Water Rights Coordinator, DFW was made by telephone and email correspondence during the development phase in April 2018 and during the petition process in order to discuss the proposed temporary water transfer. Merced has also contacted Dean Marston of the Anadromous and San Joaquin Basin Fisheries Restoration Programs and Julie Vance the Region Director of DFW. Copies of this Petition have been provided by Certified Mail to Annette Tenneboe (559-243-4014 x 231), Dean Marston, and Julie Vance of DFW, and Matt Scroggins (559-445-6042) of the CVRWQCB Fresno Office.

CB/ab/jp

5520.7/FINAL ATTACHMENT TO PETITION FOR TRANSFER 2018-05-14