



Water Resources ♦ Flood Control ♦ Water Rights

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May 3, 2013

Ms. Barbara Evoy, Deputy Director
Division of Water Rights
State Water Resources Control Board
P.O. Box 2000
Sacramento, CA 95812-2000

Subject: Reclamation District No. 1004 Petition for Change Involving Water Transfer under License 3165 (Application 27)

Dear Ms. Evoy:

On behalf of Reclamation District No. 1004 (RD 1004), enclosed are the following documents relative to a Petition for Change Involving Water Transfer under RD 1004's License 3165 (Application 27):

1. Petition for Change Involving Water Transfers Form with Attachment (one original and one copy).
2. Environmental Information Form with Attachment (one original and one copy).
3. Check in the amount of \$4,149.50 to cover the Petition fees.
4. Check in the amount of \$850 to cover the fee for the Department of Fish and Wildlife.

RD 1004 is petitioning to temporarily add points of diversion and a place of use to its License 3165 in order to transfer up to a total of 7,175 AF to the San Luis & Delta-Mendota Water Authority (Authority) by groundwater substitution. As you are aware, time is of the essence to process this Petition for the implementation of the water transfer to the Authority; and we appreciate your attention to this Petition.

Please call if you have any questions or require additional information.

Sincerely,
MBK ENGINEERS


Darren Cordova

DC/jp

4175.13/Barbara Evoy 05.03.2013.doc

Enclosures

cc: Kelly Boyd, General Manager, RD 1004
Dustin Cooper, RD 1004 Legal Counsel
Frances Mizuno, SLDMWA
Nancy Quan, DWR SWPAO
Chris Bonds, DWR Central District
Kathy Mrowka, Division of Water Rights
Brad Hubbard, U.S. Bureau of Reclamation
Lauren Mulloy, Department of Fish and Wildlife (via certified mail)
Ken Landau, CVRWQCB (via certified mail)
Board of Supervisors, County of Fresno (via certified mail)
Board of Supervisors, County of Kings (via certified mail)
Board of Supervisors, County of Merced (via certified mail)
Board of Supervisors, County of San Joaquin (via certified mail)
Board of Supervisors, County of Colusa (via certified mail)
Board of Supervisors, County of Glenn (via certified mail)
Board of Supervisors, County of Sutter (via certified mail)

Please indicate County where your project is located here:

Colusa, Glenn, & Sutter

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 27 Permit 31 License 3165 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 No. 1
Proposed: See Attachment No. 1

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 No. 1
Proposed: See Attachment No. 1

Purpose of Use

Present: Irrigation.
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 rows for cubic feet per second and 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.

San Luis & Delta-Mendota Water Authority
Frances Mizuno
P.O. Box 2157
Los Banos, CA 93635
(209) 832-6200

Amount of Water to be Transferred

up to 7,175 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 up to 166 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.

Not Applicable.

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.

See Attachment No. 1

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 5/2/2013 at Colusa, California


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/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 No. 1
to Petition for Change Involving Water Transfers
License 3165 (Application 27)
held by Reclamation District No. 1004**

PURPOSE OF PETITION

The purpose of this Petition for Change Involving Water Transfers (Petition) is to: (1) add the Central Valley Project’s (CVP) CW “Bill” Jones Pumping Plant and the State Water Project’s (SWP) Harvey O. Banks Pumping Plant as points of diversion, and (2) add the service area of the CVP as an additional place of use under Reclamation District No. 1004’s (RD 1004) License 3165 (Application 27). This petition is being filed to facilitate a temporary transfer of up to 7,175 acre-feet (AF) of surface water from RD 1004, which will be made available by groundwater substitution, to the San Luis & Delta-Mendota Water Authority (Authority) in order to provide an additional water supply for irrigation. Groundwater substitution involves the use of groundwater pumped to produce crops within RD 1004 in exchange for a like amount of surface water that will remain instream for diversion, less assumed losses, at the proposed additional points of diversion. Absent the proposed temporary transfer, RD 1004 would divert the entire quantity of surface water proposed for transfer from the Sacramento River pursuant to its water right and its Sacramento River Settlement Contract with the U.S. Bureau of Reclamation (Reclamation).

POINT OF DIVERSION OR REDIVERSION

Present Point of Diversion:

No changes in the present points of diversion are proposed. RD 1004’s authorized points of diversion under License 3165 are listed below:

<u>Description*</u>	<u>Located Within*</u>			
	<u>¼, ¼</u>	<u>Sec</u>	<u>T</u>	<u>R</u>
North 680 feet and West 880 feet from SE corner of projected Section 18, T18N, R2E	SE, SE	18	18N	2E
South 1,300 feet and West 1,500 feet from NE corner of Section 29, T16N, R1E	NW, SE	29	16N	1E
South 80° 31’ 47” East, 1,292 feet from center of Section 34, T16N, R1W	NE, SE	34	16N	1E

* All references to Section, Township, and Range are to the MDB&M.

Proposed Additional Points of Diversion:

No changes in the present points of diversion are proposed. RD 1004 proposes to add the following points of diversion:

CW “Bill” Jones Pumping Plant

N 2,121,505 ft., E 6,255,368 ft., California Coordinate System Zone 3, NAD 83, being within the NE ¼ of SW ¼ of Projected Section 29, T1S, R4E, MDB&M. This proposed additional point of diversion is identified on maps filed with the Division of Water Rights (Division) under Application 5626.

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

PLACE OF USE

Present:

The present place of use is 7,000 acres net within 22,838 acres gross, as shown on a map dated December 22, 1997 filed with the Division for License 3165.

Proposed:

No change in the present place of use is proposed. RD 1004 proposes to add the service area of the CVP as an additional place of use in order to facilitate the temporary water transfer. The service area of the CVP is shown on Map 214-208 – 12581 on file with the Division under Application 5626.

GENERAL INFORMATION

Surface water will be made available for transfer from RD 1004’s groundwater substitution program, consistent with the Draft Technical Information for Preparing Water Transfer Proposals, dated February 2013 (Draft Technical Information) published by the Department of Water Resources (DWR) and U.S. Bureau of Reclamation (Reclamation). The Draft Technical Information has been developed to address the concerns of DWR and Reclamation relative to the potential impacts that water transfers may have on other legal users, instream beneficial uses, and the overall economy and environment. RD 1004 is submitting a proposal to DWR and Reclamation for a water transfer to the Authority during 2013, which includes detailed information relative to historical groundwater pumping, groundwater well characteristics, groundwater monitoring and reporting elements, and associated maps. DWR

and Reclamation will conduct an extensive review of these documents in order to ensure that the quantity of water proposed to be made available by RD 1004 meets the relevant criteria to demonstrate a reduction in surface water use will occur as a result of the proposed temporary transfer. In addition, it is our understanding that Reclamation has addressed potential concerns with the U.S. Fish and Wildlife Service (USFWS). Absent the proposed temporary transfer to the Authority, groundwater would not be pumped by participating growers within RD 1004 for its groundwater substitution program to make surface water available for the Authority; thus, RD 1004 would have diverted surface water to meet its irrigation demands. The crops produced within RD 1004 and the associated irrigation practices would occur with or without the proposed temporary water transfer.

Only wells which have been approved by DWR and Reclamation will be used for the proposed temporary transfer. In accordance with Water Code Section 1745.10, RD 1004 does not believe the proposed transfer to the Authority by groundwater substitution will result in an overdraft of the underlying groundwater basin. As a condition of participation in the proposed temporary transfer, RD 1004 has developed groundwater monitoring, reporting, and mitigation plans to ensure the proposed transfer does not result in any unreasonable and adverse impacts to the groundwater basin or third parties. Groundwater elevation data for DWR's Monitoring Well No. 18N01W22L001M, which is located near the northern boundary of RD 1004, shows that during 1953 through 2011, groundwater elevations have fluctuated seasonally each year with greater fluctuations during drier periods. However, this data also shows that groundwater elevations have remained relatively stable during this 59-year period. Similarly DWR's Monitoring Well No. 16N01W20F001M, located near the southern boundary of RD 1004, shows groundwater elevations fluctuating seasonally with increasing magnitudes of fluctuations during the past 20 years, recovering annually near or at historical seasonal high elevations. In addition to the monitoring above, two multi-completion continuous groundwater monitoring wells (DWR Well Nos. 17N01W10A001M to 004M and 17N01W27A001M to 003M) were installed in 2010 and 2011, respectively, near the center of RD 1004 in order to further assist in documenting groundwater elevations. The monitoring results obtained from DWR for these two wells also indicate that groundwater elevations fluctuate seasonally each year.

As a result of this proposed temporary transfer, the flow in the Sacramento River downstream of RD 1004's present points of diversion will increase by up to 7,175 AF during the period of the transfer over what would have occurred absent the proposed transfer. The increased flow in the Sacramento River to the proposed additional points of diversion will be a small percentage of the total flow and will be water that would be diverted by RD 1004 absent this proposed transfer. RD 1004's reduced diversions will provide additional flows during critical periods of the year, up to a maximum of approximately 166 cfs assuming the groundwater wells proposed to participate in the water transfer are operating simultaneously. Therefore, there will be no injury to other legal water users, water quality, or return flows; in fact, these increased flows may provide benefits for fisheries and wildlife and may result in a positive effect to the water users between the present points of diversion and the proposed additional points of diversion.

Reclamation District No. 1004 License 3165
Attachment to Petition for Change Involving Water Transfers

See files of the State Water Resources Control Board for more information regarding other legal water users, which may include the Delta water users, the CVP, the SWP, and the Cities of Sacramento and West Sacramento. The Department of Fish and Wildlife (DFW) and the Central Valley Regional Water Quality Control Board (CVRWQCB) were contacted in order to discuss the proposed temporary water transfer; and no comments were provided at this time. Copies of this petition have been provided to Lauren Mulloy (916-358-2909) of DFW and Ken Landau (916-464-4726) of the CVRWQCB.

ENVIRONMENTAL INFORMATION FOR PETITIONS

This form is required for all petitions.

Before the State Water Resources Control Board (State Water Board) can approve a petition, the State Water Board must consider the information contained in an environmental document prepared in compliance with the California Environmental Quality Act (CEQA). This form is not a CEQA document. If a CEQA document has not yet been prepared, a determination must be made of who is responsible for its preparation. As the petitioner, you are responsible for all costs associated with the environmental evaluation and preparation of the required CEQA documents. Please answer the following questions to the best of your ability and submit any studies that have been conducted regarding the environmental evaluation of your project. If you need more space to completely answer the questions, please number and attach additional sheets.

DESCRIPTION OF PROPOSED CHANGES OR WORK REMAINING TO BE COMPLETED

For a petition for change, provide a description of the proposed changes to your project including, but not limited to, type of construction activity, structures existing or to be built, area to be graded or excavated, increase in water diversion and use (up to the amount authorized by the permit), changes in land use, and project operational changes, including changes in how the water will be used. For a petition for extension of time, provide a description of what work has been completed and what remains to be done. Include in your description any of the above elements that will occur during the requested extension period.

See Attachment No. 1

Insert the attachment number here, if applicable:

1

Coordination with Regional Water Quality Control Board

For change petitions only, you must request consultation with the Regional Water Quality Control Board regarding the potential effects of your proposed change on water quality and other instream beneficial uses. (Cal. Code Regs., tit. 23, § 794.) In order to determine the appropriate office for consultation, see: http://www.waterboards.ca.gov/waterboards_map.shtml. Provide the date you submitted your request for consultation here, then provide the following information.

Date of Request

April 30, 2013

Will your project, during construction or operation, (1) generate waste or wastewater containing such things as sewage, industrial chemicals, metals, or agricultural chemicals, or (2) cause erosion, turbidity or sedimentation?

Yes No

Will a waste discharge permit be required for the project?

Yes No

If necessary, provide additional information below:

Ken Landau (916-464-4726) of the Central Valley Regional Water Quality Control Board was contacted in order to discuss the proposed temporary water transfer; and no comments were provided at this time. A copy of this petition has been provided to Mr. Landau concurrently with the submittal of this petition to the Division of Water Rights.

Insert the attachment number here, if applicable:

Local Permits

For temporary transfers only, you must contact the board of supervisors for the county(ies) both for where you currently store or use water and where you propose to transfer the water. (Wat. Code § 1726.) Provide the date you submitted your request for consultation here.

Date of Contact

May 3, 2013

For change petitions only, you should contact your local planning or public works department and provide the information below.

Person Contacted: Date of Contact:

Department: Phone Number:

County Zoning Designation:

Are any county permits required for your project? If yes, indicate type below. Yes No

- Grading Permit Use Permit Watercourse Obstruction Permit
- Change of Zoning General Plan Change Other (explain below)

If applicable, have you obtained any of the permits listed above? If yes, provide copies. Yes No

If necessary, provide additional information below:

Not Applicable.

Insert the attachment number here, if applicable:

Federal and State Permits

Check any additional agencies that may require permits or other approvals for your project:

- Regional Water Quality Control Board Department of Fish and Game
- Dept of Water Resources, Division of Safety of Dams California Coastal Commission
- State Reclamation Board U.S. Army Corps of Engineers U.S. Forest Service
- Bureau of Land Management Federal Energy Regulatory Commission
- Natural Resources Conservation Service

Have you obtained any of the permits listed above? If yes, provide copies. Yes No

For each agency from which a permit is required, provide the following information:

Agency	Permit Type	Person(s) Contacted	Contact Date	Phone Number
Not Applicable.				

If necessary, provide additional information below:

Not Applicable.

Insert the attachment number here, if applicable:

Construction or Grading Activity

Does the project involve any construction or grading-related activity that has significantly altered or would significantly alter the bed, bank or riparian habitat of any stream or lake? Yes No

If necessary, provide additional information below:

Not Applicable.

Insert the attachment number here, if applicable:

Archeology

Has an archeological report been prepared for this project? If yes, provide a copy. Yes No

Will another public agency be preparing an archeological report? Yes No

Do you know of any archeological or historic sites in the area? If yes, explain below. Yes No

If necessary, provide additional information below:

Not Applicable.

Insert the attachment number here, if applicable:

Photographs See Attachment No. 1

For all petitions other than time extensions, attach complete sets of color photographs, clearly dated and labeled, showing the vegetation that exists at the following three locations:

- Along the stream channel immediately downstream from each point of diversion
- Along the stream channel immediately upstream from each point of diversion
- At the place where water subject to this water right will be used

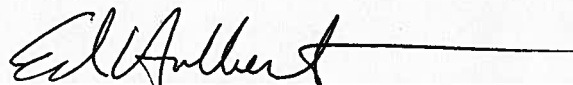
Maps See Attachment No. 1


For all petitions other than time extensions, attach maps labeled in accordance with the regulations showing all applicable features, both present and proposed, including but not limited to: point of diversion, point of rediversion, distribution of storage reservoirs, point of discharge of treated wastewater, place of use, and location of instream flow dedication reach. (Cal. Code Regs., tit. 23, §§ 715 et seq., 794.)

Pursuant to California Code of Regulations, title 23, section 794, petitions for change submitted without maps may not be accepted.

All Water Right Holders Must Sign This Form:

I (we) hereby certify that the statements I (we) have furnished above and in the attachments are complete to the best of my (our) ability and that the facts, statements, and information presented are true and correct to the best of my (our) knowledge. Dated 5/2/2013 at Colusa, California.


Water Right Holder or Authorized Agent Signature


Water Right Holder or Authorized Agent Signature

NOTE:

- Petitions for Change may not be accepted unless you include proof that a copy of the petition was served on the Department of Fish and Game. (Cal. Code Regs., tit. 23, § 794.)
- Petitions for Temporary Transfer may not be accepted unless you include proof that a copy of the petition was served on the Department of Fish and Game and the board of supervisors for the county(ies) where you currently store or use water and the county(ies) where you propose to transfer the water. (Wat. Code § 1726.)

**Attachment No. 1
to Environmental Information for
Petition for Change Involving Water Transfers
License 3165 (Application 27)
held by Reclamation District No. 1004**

DESCRIPTION OF PROPOSED CHANGES

Reclamation District No. 1004 (RD 1004) is petitioning to temporarily add points of diversion and a place of use to the water right identified above in order to transfer up to 7,175 AF to the San Luis & Delta-Mendota Water Authority (Authority) by groundwater substitution. The Central Valley Project's (CVP) CW "Bill" Jones Pumping Plant and the State Water Project's (SWP) Banks Pumping Plant are proposed to be added as points of diversion. In addition, the service area of the CVP is proposed to be added as a place of use. These proposed additions would authorize the transfer of water to the Authority during July through September 2013. There are no changes to the existing points of diversion, place of use, or purpose of use.

The quantity of water to be made available by groundwater substitution involves the use of groundwater pumped upon overlying lands in exchange for a like amount of surface water that will remain instream for diversion, less assumed losses, at the proposed additional points of diversion. Absent the proposed temporary transfer, RD 1004 would have diverted up to 7,175 AF of surface water from the Sacramento River pursuant to its water right and Sacramento River Settlement Contract with the U.S. Bureau of Reclamation (Reclamation). For this reason, the proposed temporary transfer does not involve any construction or other physical changes to RD 1004's facilities.

Petitions for temporary transfer of water pursuant to Water Code Section 1725 are exempt from CEQA. Reclamation is preparing an Environmental Assessment (EA) for water transfers during 2013, which includes RD 1004's proposed temporary transfer, pursuant to the requirements under the National Environmental Policy Act (NEPA). Following Reclamation's completion of the EA, a copy will be available upon request.

PHOTOGRAPHS

The present and proposed points of diversion include existing facilities that are well known and documented with the Division of Water Rights (Division). In addition, the present and proposed places of use are also well known and documented with the Division. Therefore, for these reasons, photographs of the present and proposed points of diversion and places of use are not included.

MAPS

The present points of diversion and place of use are shown on a map filed with the Division for License 3165. The proposed additional points of diversion for the CVP's CW "Bill"

Reclamation District No. 1004 License 3165
Attachment to Environmental Information Form

Jones Pumping Plant and the SWP's Harvey O. Banks Pumping Plant are shown on maps filed with the Division for Applications 5626 and 5630, respectively. The proposed additional place of use is the CVP service area, as shown on Map 214-208 – 12581 on file with the Division under Application 5626.