

Please indicate County where your project is located here:

Madera Fresno

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

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, Distribution of Storage, Temporary Urgency, Instream Flow Dedication, Waste Water, Split, Terms or Conditions, Other. Application 5638, Permit 11887, License, 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 Supplement
Proposed: See Supplement

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 Supplement
Proposed: See Supplement

Purpose of Use

Present: See Supplement
Proposed: See Supplement

Split

Provide the names, addresses, and phone numbers for all proposed water right holders.

[Empty box for names, addresses, and phone numbers]

In addition, provide a separate sheet with a table describing how the water right will be split between the water right holders: for each party list amount by direct diversion and/or storage, season of diversion, maximum annual amount, maximum diversion to offstream storage, point(s) of diversion, place(s) of use, and purpose(s) of use. Maps showing the point(s) of diversion and place of use for each party should be provided.

Distribution of Storage

Present:
Proposed:

**Temporary Urgency**

This temporary urgency change will be effective from  to

Include an attachment that describes the urgent need that is the basis of the temporary urgency change and whether the change will result in injury to any lawful user of water or have unreasonable effects on fish, wildlife or instream uses.

**Instream Flow Dedication** – Provide source name and identify points using both Public Land Survey System descriptions to ¼-¼ level and California Coordinate System (NAD 83).

Upstream Location:   
Downstream Location:

List the quantities dedicated to instream flow in either:  cubic feet per second or  gallons per day:

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec

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.

**Waste Water**

If applicable, provide the reduction in amount of treated waste water discharged in cubic feet per second.

Will this change involve water provided by a water service contract which prohibits your exclusive right to this treated waste water?  Yes  No

Will any legal user of the treated waste water discharged be affected?  Yes  No

**General Information** – For all Petitions, provide the following information, if applicable to your proposed change(s).

Will any current Point of Diversion, Point of Storage, or Place of Use be abandoned?  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 This Form:** I (we) declare under penalty of perjury that this change does not involve an increase in the amount of the appropriation or the season of diversion, and that the above is true and correct to the best of my (our) knowledge and belief. Dated  at

  
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, including required attachments, available at: [http://www.waterboards.ca.gov/waterrights/publications\\_forms/forms/docs/pet\\_info.pdf](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/](http://www.waterboards.ca.gov/waterrights/water_issues/programs/fees/)  
(3) Department of Fish and Wildlife fee of \$850 (Pub. Resources Code, § 10005)

## **Present Holder and User of Water Right**

Bureau of Reclamation  
Mid-Pacific Region, MP-460  
Attention: Mr. Bob Colella  
2800 Cottage Way  
Sacramento, CA 95825

Telephone: (916) 978-5256  
Email: rcolella@usbr.gov

## **Proposed Temporary Urgency Change**

This proposed action is for dedication of releases from Millerton Reservoir for the purpose of preservation and enhancement of fish and wildlife resources pursuant to Water Code §1707. In addition, Reclamation will make use of instream conveyance by means of the San Joaquin River to meet obligations of the Central Valley Project (CVP) under existing contracts and agreements. Implementation of the proposed action is authorized and directed by, and would be implemented in accordance with, the San Joaquin River Restoration Settlement Act (P.L. 111-11) (Settlement Act).

## **General/Background**

This petition requests that additional points of diversion downstream of Friant Dam be added to this permit and that the San Joaquin River beginning at Friant Dam and ending at a designated downstream point be added to the place of use for the dedication of instream flows for the purpose of preservation and enhancement of fish and wildlife resources. Water will be released to the natural watercourse of the San Joaquin River for this instream dedication, but due to capacity issues, natural and unnatural conveyance means may both be utilized to facilitate flow throughout the designated stretch of the river.

This petition also requests the addition of preservation and enhancement of fish and wildlife resources as an authorized purpose of use at designated locations within the authorized places of use.

Approval of this petition would authorize the dedication of releases of water previously diverted at Millerton Reservoir for instream use from Friant Dam through the Sacramento-San Joaquin Delta Estuary (Delta) and the instream conveyance of water in order to meet existing obligations in lieu of making such deliveries from the Delta Mendota Canal. Also, water in San Luis Reservoir could be used for the benefit of Friant Division CVP contractors through subsequent actions and/or exchanges. In addition to direct use, water made available as a result of the proposed action could be utilized through subsequent transfers and/or exchange actions separate from this action to facilitate the recapture and recirculation plan, as depicted in Figure 2-13 of the Water Year (WY) 2010 Interim Flows Project (WY 2010 IF) Final Environmental Assessment/Initial Study, dated September, 2009 (Final WY 2010 EA/IS) for

informational purposes. Other than the San Joaquin River channel between the designated reaches, no expansion of the authorized places of use is necessary or requested. Water will be used by the permittee concurrently for instream beneficial use and for existing delivery obligations within the existing authorized places of use.

Water previously diverted is proposed to be released from Millerton Reservoir through the downstream river channel. Water would then be rediverted at and near Mendota Dam for delivery through various canals and to flow past Mendota Dam. Water would flow past Sack Dam and would be conveyed through the Sand Slough Control Structure to and through the East Side Bypass. Water in the East Side Bypass will thence flow through the Mariposa Bypass and thence the old San Joaquin River channel and would also continue to flow through the East Side Bypass to Bear Creek. Water would be diverted along the East Side Bypass at designated locations both north and south of the Mariposa Bypass. Water in Bear Creek would thence continue to flow into the San Joaquin River. Water in the San Joaquin River would also be rediverted for delivery to Patterson Irrigation District, West Stanislaus Irrigation District, and Banta-Carbona Irrigation District. In addition, authorization would also be granted to redivert water at Jones and Banks Pumping Plants and at the San Luis Dam for potential recapture for delivery within the existing authorized place of use in order to meet demands for the Friant Division of the CVP.

The San Joaquin River from Friant Dam through the confluence with the Merced River and then continuing through to the Delta channels from the San Joaquin River near Vernalis to the Jones and Banks Pumping Plants would be added to the places of use for the dedication of instream flows for the purpose of preservation and enhancement of fish and wildlife resources.

The WY 2010 IF, as authorized pursuant to Order WR 2009-0058-DWR, has been completed. The Final WY 2010 EA/IS, including the supporting Public Draft WY 2010 EA/IS, has been furnished to State Water Resources Control Board (Board) staff under separate cover and is also available to the public at the following public website: [http://www.usbr.gov/mp/nepa/nepa\\_projdetails.cfm?Project\\_ID=3612](http://www.usbr.gov/mp/nepa/nepa_projdetails.cfm?Project_ID=3612). The Final WY 2010 EA/IS is incorporated herein by reference. The Supplemental Environmental Assessment for the WY 2011 Interim Flows Project (WY 2011 IF), dated September, 2010 (WY 2011 Supplemental EA), including the supporting public draft document, is a supplement to the Final WY 2010 EA/IS for the WY 2011 IF. The WY 2011 Supplemental EA has also been furnished to the Board staff under separate cover, and is also available at the above website. The WY 2012 Supplemental EA addresses an additional year of Interim Flows (October 1, 2011, through September 30, 2012) and has been prepared using the Final WY 2010 EA/IS and WY 2011 Supplemental EA and has incorporated those documents by reference. It is also available at the above website.

Example estimated maximum regulated nonflood flows under the proposed action in the downstream reaches of the San Joaquin River, and pertinent factors, are presented in Table 2-1 to the WY 2012 Supplemental EA. The physical location of each numbered reach within the Study Area (Figure 1-1) is shown in Table 1-1 and Figure 1-2 to the WY

2012 Supplemental EA. Example changes in estimated maximum regulated nonflood flows (Interim Flow water) under the proposed action, and pertinent factors, are presented in Table 2-2 to the WY 2012 Supplemental EA. Maximum Interim Flow water releases from Friant Dam under the proposed action, taking into account both fall and spring flexible flow periods, are presented in Table 2-3 to the WY 2012 Supplemental EA.

In July, 2012, Reclamation issued a Final Programmatic Environmental Impact Statement/Report (PEIS/R) for the San Joaquin River Restoration Program. On September 28, 2012, Reclamation issued its Record of Decision. Those document have been furnished to the State Water Board under separate cover and are available at [http://www.usbr.gov/mp/nepa/nepa\\_projdetails.cfm?Project\\_ID=2940](http://www.usbr.gov/mp/nepa/nepa_projdetails.cfm?Project_ID=2940).

### **Urgent Need**

On October 1, 2012, the Division issued an order approving a temporary urgency change for the first half of WY 2013 (180 days). This petition seeks renewal of that temporary urgency change order. Pursuant to the directive in the Settlement Act to maintain the flow schedule provided in the Settlement, Reclamation is filing this temporary urgency change petition to authorize the continued dedication and rediversion of Interim Flows commencing on March 31, 2013, and to add the preservation and enhancement of fish and wildlife as an authorized purpose of use. Approval of this temporary urgency change petition will facilitate maintenance of a live streambed in the San Joaquin River channel as directed by the Settlement Act.

On May 9, 2012, Reclamation diligently filed Petitions for Change pursuant to Cal. Water Code §§ 1700 and 1707 for the dedication and rediversion of Interim and Restoration flows and to add fish and wildlife preservation and enhancement as an authorized purpose of use. Those Petitions for Change, publicly noticed on May 18, 2012, are currently pending before the Division of Water Rights. Reclamation has exercised due diligence in pursuing those Petitions for Change and in promptly responding to all requests for information directed to it by the Division of Water Rights. Refer to Reclamation's May 9, 2012, Petitions for Change regarding relevant findings from the PEIS/R.

### **Proposed Changes are in the Public Interest**

Approval of this petition is key to enabling the petitioner to achieve the Settlement's simultaneous goals of restoring and maintaining fish populations in "good" condition in the main stem of the San Joaquin River below Friant Dam to the confluence of the Merced River, including naturally reproducing and self-sustaining populations of salmon and other fish ("Restoration Goal"), while reducing or avoiding adverse water supply impacts to all of the Friant Division long-term Central Valley Project contractors that may result from the Interim and Restoration Flows provided for in the Settlement ("Water Management Goal"). Through the Settlement Act, Congress authorized and directed the petitioner, through the Secretary of the Interior, to implement the Settlement and in doing so to retain, acquire, or perfect all rights to manage and control all Interim and Restoration Flows, subject to applicable provisions of California water law.

Therefore, in carrying out the purpose and public policy set forth in the Settlement Act, the proposed changes presented in this petition are in the public interest.

### **Amount of Water**

A total maximum of up to 389,355 acre-feet of water is proposed for release in a wet Restoration Year type. (See Footnote 1 of Table 2-3 to the WY 2012 Supplemental DEA). The Restoration Year type is currently a dry year. See section 2.2.3 to the WY 2012 Supplemental EA for further discussion regarding determination of Restoration Year type and determination of flow releases. Flows would be released consistent with restoration flow guidelines (Appendix C to the Final WY 2010 EA/IS) and with the March 25, 2010 Letter to the Restoration Administrator (Appendix C to the WY 2011 Draft Supplemental EA).

The actual quantity of releases could be constrained due to conditions including the existing channel capacity, infiltration losses, diversion capacities, demands, and additional implementation considerations as described in Sections 2.2.3 through 2.2.5 of the WY 2012 Supplemental EA. In order to have the flexibility necessary to implement the Settlement Act, Reclamation requests that in the Order approving this petition, such order expressly allow for releases from Friant Dam, along with resulting flows in each reach, to be higher than the estimated maximums shown in Tables 2-1 and 2-2 to the WY 2012 Supplemental EA. However, the maximum release rate from Friant Dam for water authorized for action and instream dedication pursuant to such Order will be limited as shown in Table 2-3 to the WY 2012 Supplemental EA. Releases and resulting flows will be constrained based upon factors described above. The Draft San Joaquin River Interim Flow Unsteady Modeling Analysis (Appendix I to the WY 2012 Supplemental EA) identifies flows that would not exceed a 1,300 cfs threshold at the Chowchilla Bifurcation Structure for flows into Reach 2B.

See section 2.2.5 of the WY 2012 Supplemental EA and Table 2-8 for discussion and recognition of channel capacity constraints; flows in Reach 2A and 2B are generally limited by existing channel capacity constraints, whereas flows in Reaches 3, 4A, 4B2, and the Eastside Bypass are constrained by potential seepage to neighboring lands. See the Draft San Joaquin River Underseepage Limiting Capacity Analysis in Appendix I to the WY 2012 Supplemental EA. Reclamation will hold the release water to the flow constraints identified in the underseepage analysis and as summarized in Table 2-8 to the WY 2012 Supplemental EA.

### **Flow Monitoring**

The WY 2011 Supplemental EA provides that the proposed action will be implemented with continuation of data collection and monitoring activities during action water releases consistent with the Final WY 2010 EA/IS. Consequently, Reclamation will continue to monitor flow in accordance with Appendix E to the Final WY 2010 EA/IS, Flow Monitoring and Management Plan for Water Year 2010 Interim Flows, as well as with the WY 2011 Supplemental EA. Reclamation, in coordination with the California

Department of Water Resources, will monitor and publicly post river stage and flow conditions at the following locations during all periods when releases are likely to be flowing at these locations:

Below Friant Dam (river mile 267);  
At Gravelly Ford (river mile 228);  
Below Chowchilla Bifurcation Structure (river mile 216);  
Below Sack Dam (river mile 182);  
Washington Avenue near Sand Slough Control Structure (river mile 168);  
Above the Merced River confluence (river mile 118);  
Vernalis Gaging Station;  
Jones Pumping Plant;  
Clifton Court Forebay.

### **Points of Rediversion**

#### Present Point of Rediversion

San Joaquin River, Tributary to Suisun Bay

#### Coordinate Description

Points of diversion and rediversion are at Friant Dam. The points of diversion and rediversion are the same as on file with the Board for Applications 234, 1465, and 5638.

Friant Dam: North 39° 30' West 2,200 feet from S¼ corner of Section 5, T11S, R21E, M.D.B.&M, being within the NW¼ of SW¼ of Section 5, T11S, R21E, M.D.B.&M.

#### Proposed Points of Rediversion to be Added

The proposed points of rediversion to be added are depicted on Map No. 1785-202-53 on file with the Board. Rediversion of water would occur at the proposed locations instead of at the Friant-Kern and Madera Canals, but within the currently authorized season of use and diversion rates.

A. Mendota Dam, Located N 1745350 E 6598943 California Coordinate System, Zone 3, NAD 83, being within the SE ¼ of NE ¼ of Section 19, T13S, R15E, M.D.B.&M., including intakes to the following canals:

Main Canal, Located N 1744396 E 6598937 California Coordinate System, Zone 3, NAD 83, being within the NE ¼ of Section 19, T13S, R 15E;

Outside Canal Located N 1741896 E 6599689 California Coordinate System, Zone 3, NAD 83, being within the SE ¼ of Section 19, T13S, R 15E;

Columbia Canal Located California Coordinate System, N 1746420 E 6605595 Zone 3, NAD 83, being within the NE 1/4 of Section 20, T13S, R 15E;

Helm Ditch, Located N 1745022 E 6598787 California Coordinate System, Zone 3, NAD 83, being within the NE  $\frac{1}{4}$  of Section 19, T13S, R 15E;

Firebaugh Canal Water District Canal, Located N 1741821 E 6599844 California Coordinate System, Zone 3, NAD 83, being within the SE  $\frac{1}{4}$  of Section 19, T13S, R 15E.

B. Intake to the Arroyo Canal, Located N 1816307 E 6561446 California Coordinate System, Zone 3, NAD 83, being within the SW  $\frac{1}{4}$  of Section 12, T11S, R13E, M.D.B.&M.

C. Intake to the Sand Slough Control Structure, Located N 1862535 E 6535468 California Coordinate System, Zone 3, NAD 83, being within the NE  $\frac{1}{4}$  of Section 31, T9S, R13E, M.D.B.&M., for conveyance through the East Side Bypass.

D. Along the East Side Bypass, Located N 1883703, E 6523784 California Coordinate System, Zone 3, NAD 83, being within the NW  $\frac{1}{4}$  of Section 11, T9S, R12E (at Lone Tree Unit, Merced NWR)

E. Intake to the Mariposa Bypass Control Structure, on the East Side Bypass, Located N 1895936 E 6505198 California Coordinate System, Zone 3, NAD 83, being within the SE  $\frac{1}{4}$  of Section 30, T8S, R12E, M.D.B.&M.

F. Along the East Side Bypass, Located N 1914452 E 6480299, California Coordinate System, Zone 3, NAD 83, being within the NE  $\frac{1}{4}$  of Section 8, T 8S, 11E, M.D.B.&M. (at East Bear Creek Unit, San Luis NWR)

G. Intake facility for Patterson Irrigation District, Located N2004071 E6392678 California Coordinate System, Zone 3, NAD 83, being within the SW  $\frac{1}{4}$  of Section 15, T5S, R8E, M.D.B.&M.

H. Intake facility for West Stanislaus Irrigation District, Located N2036021 E6358704 California Coordinate System, Zone 3, NAD 83, being within the SE  $\frac{1}{4}$  of Section 16, T4S, R8E, M.D.B.&M.

I. Intake facility for Banta-Carbona Irrigation District, Located N2083018 E6327281 California Coordinate System, Zone 3, NAD 83, being within the SE  $\frac{1}{4}$  of Section 33, T2S, R6E, M.D.B.&M.

J. Jones Pumping Plant, Located N 2114400 E 6248073, California Coordinate System, Zone 3, NAD 83 being within SW  $\frac{1}{4}$  of SW  $\frac{1}{4}$  Section 31, T1S, R4E, MDB&M.

K. Banks Pumping Plant, Located N 2115990 and E 6237838, California Coordinate System, Zone 3, NAD 83, being within the SW  $\frac{1}{4}$  of Section 35, T1S, R3E, MDB&M.



L. San Luis Dam, Located N 1844598 E6394093 California Coordinate System, Zone 3, NAD 83, being within SW ¼ of SE ¼ of Section 15, T10S, R8E, MDB& M. The simulated end of month storage at San Luis Dam will not significantly change and action water will be stored within the maximum permitted storage quantity for San Luis Reservoir. See Table 4-52 of the Final WY 2010 EA/IS. No redistribution of any storage right is necessary or requested. The method of diversion would change (23 CCR §791(e)) for the diversion of previously stored water to storage at San Luis Dam instead of diversion into the Friant-Kern and Madera Canals.

## **Places of Use**

### Present Places of Use

See map numbers 214-212-37 and 1785-202-14, on file with the Board, for Application 5638. See map number 214-208-3331 for Applications 234 and 1465.

### Proposed Places of Use to be Added for Instream Beneficial Uses

The proposed places of use to be added for instream beneficial uses are indicated on Map No. 1785-202-53 on file with the Board. This place of use is to be added for the dedication of instream flows for the purpose of preservation and enhancement of fish and wildlife resources pursuant to Water Code §1707.

Upper Reach: Friant Dam, located North 39° 30' West 2,200 feet from S¼ corner of Section 5, T11S, R21E, M.D.B.&M, being within the NW¼ of SW¼ of Section 5, T11S, R21E, M.D.B.&M.

Lower Reach: Sacramento-San Joaquin Delta Estuary (Delta) channels from the San Joaquin River near Vernalis to the Jones and Banks Pumping Plants.

## **Purposes of Use**

### Present Purposes of Use

The combined purposes of use for all three permitted applications are irrigation, domestic, incidental domestic, municipal, and recreation, as on file with the Board.

### Proposed Purpose of Use to be Added

Add the purpose of Preservation and Enhancement of Fish and Wildlife Resources. This purpose of use is to be added (1) within the existing places of use depicted on maps 214-212-37 and 214-208-3331, on file with the Board, and (2) within the reach of the San Joaquin River added to the place of use for dedication of instream flows.

## **Season of Use, Direct Use, and Storage**

### Present Season of Use, Direct Use, and Storage

The present season of use, season of direct use, and season of storage are as specified in these permitted applications on file with the Board.

### Proposed Season of Use, Direct Use, and Storage

No change is requested to the season of use, season of direct use, or season of storage for these permitted applications.

## **Conditional Approval Requested**

In the order approving this petition, Reclamation requests that approval by the Board be conditioned similar to the temporary urgency change Approval Order dated October 1, 2012.

## **Effects on Other Users and Fish, Wildlife, and Instream Uses**

The total quantity of water proposed under this petition will be up to 389,355 acre-feet. Reclamation will make water available for this action from stored water released from Millerton Reservoir. Absent the proposed action, water not released from Millerton Reservoir would be consumptively used by Friant Division contractors by means of deliveries through the Madera or Friant-Kern Canals or would remain in storage for other authorized purposes and uses.

See Table 4-51 of the Final WY 2010 EA/IS for comparisons of monthly averages of simulated Friant-Kern and Madera Canal diversions with and without the proposed action. Also see Appendix G to the Final WY 2010 EA/IS, Water Operations Modeling Output - CalSim Attachment, Tables 1 through 7, Monthly Averages of Simulated End-of-Month Millerton Lake Storage, for comparisons of Millerton storage levels with and without the proposed action.

Diverters between Friant Dam and the confluence of the Merced River, and from the confluence of the Merced River to and through the Delta, are on file with the Board. Many assumed riparian water right holders between Friant Dam and Gravelly Ford have executed Holding Contracts with Reclamation. Also, the San Joaquin River Exchange Contractors divert water downstream of Friant Dam.

The San Joaquin River Holding Contractors, San Joaquin River Exchange Contractors, Friant Division CVP Water Service Contractors, East-Side Division Water Service Contractors, and Other South-of-Delta CVP Water Service Contractors will not be affected by the proposed action. Discussion of legal injury to these contractors can be found below.

See Chapter 2.0 of the WY 2011 Supplemental EA and Chapter 2.0 of the Final WY 2010 EA/IS for discussion and analysis of changes in streamflow. Table 2-2 of the WY 2012 Supplemental EA depicts example changes in estimated maximum flows under the proposed action compared to conditions without the proposed action. Sections 3.1 (Table 3-1) and 3.2.2 of the WY 2012 Supplemental EA provide that the proposed action would not result in substantial alteration to hydrology and water quality conditions and that for the same reasons as described in the Final WY 2010 EA/IS and WY 2011 Supplemental EA, the proposed action would result in less than significant impacts to water quality.

See sections 3.11 and 4.10 of the Final WY 2010 EA/IS for discussion and analysis of Surface Water Quality. Also see section 3.2.2 of the WY 2012 Supplemental EA.

Section 3.11.2 of the Final WY 2010 EA/IS states that water quality data collected at San Joaquin River below Friant Dam demonstrate the generally high quality of water released at Friant Dam from Millerton Reservoir to Reach 1. Section 4.10 of the Final WY 2010 EA/IS states that surface water quality conditions within Reach 1 would continue to reflect the generally high quality of water released at Friant Dam from Millerton Lake, and that surface water quality impacts from the proposed action throughout the dedicated reach would be less than significant. Sections 3.1 (Table 3-1) and 3.2.2 of the WY 2012 Supplemental EA state that the proposed action would not result in substantial alteration to hydrology and water quality conditions and that for the same reasons as described in the Final WY 2010 EA/IS and WY 2011 Supplemental EA, the proposed action would result in less than significant impacts to water quality. Water quality conditions for water delivered to Friant Division contractors from the Friant-Kern and Madera Canals would not be adversely affected.

In accordance with sections 1.1, 2.2.6, 2.2.7, and 2.2.8 of the WY 2012 Supplemental EA, Reclamation will continue data collection and monitoring activities during action water releases consistent with the Final WY 2010 EA/IS and the WY 2011 Supplemental EA. Also, see Appendix E to the WY 2012 Supplemental EA, 2009-2013 Interim Flow Release Program, Water Quality Monitoring Plan.

See section 4.3 of the Final WY 2010 EA/IS and section 3.2.3 of the WY 2011 Supplemental EA and of the WY 2012 Supplemental EA for discussion of the impacts of the proposed action upon Friant Division contractors. The proposed action could result in changes in quantities of water delivered to Friant Division contractors. Decreases in deliveries to Friant Division contractors due to the proposed action could result in increased groundwater pumping to offset surface water deliveries. However, implementation of the proposed action is consistent with the Settlement Act and is limited to 180 days.

Reclamation anticipates, separate and apart from this proposed action, being able to assist Friant Division contractors in arranging for action or exchange of rediverted surface flows that have achieved their instream flow protection purposes in order to potentially provide Friant Division water service contractors with some water to make up for

reduced deliveries from Millerton Reservoir. Such actions would be within the existing authorized places of use under the subject permits, or, if found necessary, within an additional place of use authorized pursuant to other change petitions filed with the Board separate and apart from this petition. This "recaptured water" that might be available to Friant Division contractors is estimated to equal the amount of water reaching the Mendota Pool (See Table 2-4 and discussion in Section 2.2.2 of the WY 2012 Supplemental EA). The quantity of recaptured water would range between zero and 321,055 acre-feet (Table 2-5 of WY 2012 Supplemental EA). Recaptured water would supplement actual delivery reductions that would otherwise potentially result in increased groundwater pumping. If the full quantity of recaptured WY 2012 Interim Flows were successfully recirculated to Friant Division long-term contractors, no increase in groundwater pumping would occur because of the proposed action.

Since Reclamation will take actions to reduce or avoid adverse water supply impacts to Friant Division contractors, who could also increase their use of groundwater, no significant changes in the timing of CVP deliveries or in the use of CVP water is anticipated, nor are any changes in return flows expected.

Section 2.2.5 of the WY 2011 Supplemental EA provides for continued coordination with various entities as described in section 2.2.3 of the Final WY 2010 EA/IS, including Central California Irrigation District, San Luis and Delta-Mendota Water Authority, San Luis Canal Company, Lower San Joaquin Levee District, U.S. Army Corps of Engineers, Central Valley Flood Protection Board, and landowners in the Eastside and Mariposa Bypasses. See section 2.2.5 of the WY 2011 Supplemental EA regarding reduction, redirection and recapture of releases to accommodate flood bypass and structure maintenance.

See sections 3.11, 4.10, and 4.18d) of the Final WY 2010 EA/IS for discussion and analysis of Surface Water Supplies and Facilities Operations.

The proposed action would not affect water delivery quantities to contractors and refuges outside the Friant Division, including the San Joaquin River Exchange Contractors. There would be no expansion of existing obligations, or increases in demands, to provide CVP water supplies. Under the proposed action, flows would be released into the San Joaquin River from Millerton Reservoir that would otherwise be diverted into the Madera and Friant-Kern Canals. The Final WY 2010 EA/IS concludes, based upon CalSim modeling results, that the proposed action would not affect water delivery quantities to contractors outside the Friant Division, including the San Joaquin River Exchange Contractors.

Absent the proposed action, all water that is the subject of this action petition would have remained in storage at Millerton Reservoir or would have been diverted into the Madera and Friant-Kern canals for consumptive use in the Friant Division service area of the CVP. The only water ever released (absent flood flows) downstream from Friant Dam is water (a) released pursuant to the Holding Contracts to maintain 5 cubic feet per second (cfs) flow at Gravelly Ford and maintenance of a "live stream" at that point, and (b) in the

event that Reclamation is unable for any reason to deliver a substitute supply from the Delta-Mendota Canal or other sources, Reclamation shall, under stated terms and conditions of the Exchange Contract, make up required quantities by making releases of available storage from Millerton Reservoir. Reclamation makes no other releases of stored water that would be available for downstream users of water. Therefore, absent the proposed action, the only non-flood flows that Reclamation would release at Friant Dam are flows to maintain 5 cfs at Gravelly Ford, and any flows made pursuant to the Exchange Contract. No other non-flood releases are made for use by any entity downstream of Friant Dam. These non-flood flows will remain unchanged under the proposed action.

As discussed above, resulting decreases in surface water deliveries to Friant Division contractors could result in an increase in groundwater pumping. However, any resulting drawdown in groundwater levels is expected to be within the range of groundwater level fluctuations historically exhibited. See Appendix G to the Final WY 2010 EA/IS, Groundwater Modeling Output-Schmidt Method.

Only minimal fluctuation in the seasonal Millerton Reservoir elevation is expected as a result of the proposed action and would remain within historical operational levels. Peak flood flows in the spring season could be reduced, but no substantial changes in Millerton Reservoir flood releases are expected downstream of Millerton Reservoir during flood operations. See section 4.10i of the Final WY 2010 EA/IS for discussions and conclusions regarding less than significant risks of levee or dam failures, no significant impacts to flood management, and no increased flood risk to structures. Also see section 4.10i for discussion and conclusions regarding the constraining of flows in Reach 2B to avoid seepage, maintenance of Mendota Pool levels within existing operational levels, and seepage monitoring and management.

See section 2.2.4 of the WY 2012 Supplemental EA.

Tables 4-23 through 4-30 of the Final WY 2010 EA/IS collectively present simulated changes in monthly average flows from Friant Dam to the confluence with the Merced River. Table 4-48 of the Final WY 2010 EA/IS does the same for flows upstream of Vernalis. The impacts of the proposed action on hydrology in these reaches are described in the Final WY 2010 EA/IS as less than significant.

Table 4-50 of the Final WY 2010 EA/IS depicts simulated monthly average changes in exports through Banks and Jones Pumping Plants. The Final WY 2010 EA/IS describes impacts from simulated changes in monthly average exports as less than significant.

To avoid any impacts due to seepage of action water through downstream levees, the release of water from Friant Dam and the management of downstream flows pursuant to the proposed action would be conducted in accordance with monitoring and management actions to prevent adverse seepage impacts as described in the Seepage Monitoring and Management Plan presented in the Appendix G Attachment to the WY 2012 Supplemental EA.

Releases of water from Millerton Reservoir pursuant to the proposed action would be managed to avoid interference with operations of the San Joaquin River Flood Control Project. See the Implementation Coordination discussion in section 2.2.3 of the WY 2010 Final EA and section 2.2.5 of the WY 2011 Supplemental EA. Section 2.2.4 of the WY 2012 Supplemental DEA provides that regularly conducted operation and maintenance activities of the Lower San Joaquin Levee District to maintain channel capacity within the flood control project would continue under the proposed action.

Sections 3.1 (Table 3-1) and 3.2.2 of the WY 2012 Supplemental DEA provide that the proposed action would not result in substantial alteration to hydrology and water quality conditions and that for the same reasons as described in the Final WY 2010 EA/IS and WY 2011 Supplemental EA, the proposed action would result in less than significant impacts to water quality.

#### No legal injury to San Joaquin River Holding Contractors

The releases from Millerton Reservoir pursuant to the petition would be in addition to that quantity of releases otherwise required under the San Joaquin River Holding Contracts to maintain the 5 cfs requirement at Gravelly Ford and would not interfere with the ability of landowners from Friant Dam to Gravelly Ford to exercise assumed riparian rights. The example estimated maximum flows described in Table 2-1 of the WY 2012 Supplemental DEA at Head of Reach 1 (Friant Dam) assume that up to 230 cfs of these flows, as depicted in Table 2-6 of the Final WY 2010 EA/IS, are not part of the action but are dedicated to maintaining the existing 5 cfs flow requirement at Gravelly Ford. Similarly, Tables 2-2 and 2-3 of the WY 2012 Supplemental EA also take into account dedicated provision of up to 230 cfs of flow according to Table 2-6 of the Final WY 2010 EA/IS.

#### No legal injury to San Joaquin River Exchange Contractors

As discussed above, the proposed action would not affect water delivery quantities to contractors outside the Friant Division, including the San Joaquin River Exchange Contractors.

Reclamation will ensure that sufficient Millerton Reservoir storage is maintained, and that available San Joaquin River channel capacity is not impeded by flows from the proposed action, in order to make releases of available storage from Millerton Reservoir in lieu of deliveries from the Delta Mendota Canal if such releases become necessary under the terms and conditions of the Exchange Contract. Reclamation will ensure that necessary deliveries from the Delta Mendota Canal pursuant to the terms and conditions of the Exchange Contract will be made.

Section 2.2.6 of the WY 2012 Supplemental EA describes the Mendota Pool Water Quality Response Plan that would be conducted as part of the proposed action and that is included as Appendix H. Section 2.2.8 of the WY 2012 Supplemental EA describes the

Daily Seepage and Flow Bench Evaluation process. The Seepage Monitoring and Management Plan is also described in section 2.2.6 and is included in Appendix G. It is possible that flows past Sack Dam could be constrained by potential seepage concerns from neighboring landowners and that flows may again be limited to reduce or avoid groundwater impacts as a result of the release of action water; see Section 2.2.5 of the WY 2012 Supplemental EA regarding groundwater elevation constraints on flows. Reclamation is working on separate actions to increase the non-damaging channel capacity and allow additional flows below Sack Dam. Reclamation requests that the Board authorize flows up to those provided in the WY 2012 Supplemental EA to provide flexibility in the event that Reclamation is able to increase flows downstream of Sack Dam. Reclamation will release flows consistent with the then-existing non-damaging channel capacity.

See section 2.2.5 of the WY 2012 Supplemental EA regarding the intention to reduce releases of action water to accommodate Mendota Pool maintenance and the Arroyo Canal Fish Screen and Sack Dam Fish Passage Project. The proposed action will involve implementation of the Draft San Joaquin River Underseepage Limiting Capacity Analysis in Appendix I to the WY 2012 Supplemental EA. Reclamation will hold the release of action water to the flow constraints identified in the underseepage analysis and as summarized in Table 2-8. However, Reclamation may make improvements in channel capacity during the course of the year and requests that the Board authorize flows in Table 2-3 of the WY 2012 Supplemental EA for flexibility throughout the year.

#### No legal injury to Friant Division CVP Water Service Contractors

Release of flows from Millerton Reservoir to implement the proposed action would reduce allocations to Friant Division CVP water service contractors. However, Friant Division demands would be met through increased groundwater pumping and possibly recapture of water. Section 4.10 of the Final WY 2010 EA/IS concludes that reductions in deliveries due to the WY 2010 IF would result in less-than significant impacts. Section 3.2.3 of the WY 2011 Supplemental EA states that, although implementation of the proposed action could potentially result in changed effects to agricultural resources, the proposed action would be consistent with the Settlement Act and would be limited to one year, and therefore conversion of agricultural lands to non-agricultural lands is unlikely; also, Table 3-1 of the WY 2012 Supplemental EA provides that it is unlikely that any constraints upon recapture opportunities would result in any such conversion.

#### No legal injury to downstream prior right and riparian water right holders

Water released downstream represents water that has been previously diverted to storage at Friant Dam without legal injury. Water present in the channel is therefore foreign in time. In periods when flood flows would satisfy part or all of the flow targets, water would not be released in addition to flood flows. Also, the release and conveyance of flood flows would have a higher priority to channel capacity over action releases. See section 2.4.4 of the WY 2012 Supplemental EA.

### No legal injury to Other South-of-Delta Water Service Contractors

The Final WY 2010 EA/IS, through associated modeling, concludes that deliveries from the Delta and San Luis Reservoir to CVP water service contractors will not be affected by the proposed action. Section 2.2.2 of the WY 2012 Supplemental EA provides that available capacity for the recapture and recirculation of action water is capacity that is available after satisfaction of all obligations to existing CVP and State Water Project (SWP) contractors served through CVP and SWP facilities. Recapture would be subject to available capacity within CVP and SWP storage and conveyance facilities.

### No legal Injury to Eastside Division Water Service Contractors

As discussed above, the proposed action would not affect water delivery quantities to contractors outside the Friant Division.

Section 4.10 of the Final WY 2010 EA/IS concludes that changes in tributary inflows to the lower San Joaquin River (from the Stanislaus, Tuolumne, and Merced Rivers) could occur as a result of the proposed action. However, based upon Table 4-48, Percent Changes in Monthly Averages of Simulated Flow Upstream of Vernalis, and upon Table 4-49, Monthly Averages of Simulated End-of-Month Storage in New Melones Reservoir, the Final WY 2010 EA/IS concludes that percent changes in monthly averages of simulated flow upstream of Vernalis are small and impacts to water supply are less than significant. Section 2.2.8 of the WY 2011 Supplemental EA concludes that using water released under the proposed action to meet Vernalis flow requirements would not adversely affect conditions in the Stanislaus River, and that the proposed action has the potential to increase San Joaquin River flows downstream of the confluence with the Merced. Section 3.2.2 of the WY 2012 Supplemental EA concludes that, for the same reasons described in the Final WY 2010 EA/IS and the WY 2011 Supplemental EA, the proposed action would result in less than significant impacts to hydrology. Therefore, CVP contractors taking delivery from New Melones Reservoir would not be significantly affected.

### Furnishing Water for Fish Hatchery Purposes

Approval of the proposed action will not interfere with any customary provision, by means of pipeline from Friant Dam, of up to 35 cubic feet per second of incidental flow to the San Joaquin Fish Hatchery. This flow is already an incidental component of the quantity of water released from Friant Dam required to maintain the 5 cfs requirement at Gravelly Ford pursuant to the Holding Contracts.

### No unreasonable effect upon fish, wildlife, or other instream beneficial uses

See sections 3.6 and 4.6 of the Final WY 2010 EA/IS for discussion and analysis of Fish. Section 3.2.3 of the WY 2011 Supplemental EA concludes that no specific changes to the environmental consequences for Fisheries Resources as presented in the Final WY 2010 EA/IS would occur. Section 3.2.2 of the WY 2012 Supplemental EA states that water



would exist in the existing river channel, would not increase flood flow levels, would last only a single year, and would fall within the range of and be timed to be similar to historical flows. There are expected to be no measureable changes later in time to water levels, riparian vegetation, or other habitat conditions for listed species. Therefore, the WY 2012 Supplemental EA concludes that, for the same reasons as described in the Final WY 2010 EA/IS and the WY 2011 Supplemental EA, the proposed action would not result in substantial adverse effects to fisheries resources or their habitats. This includes listed, special-status, native, or migratory fish species. Appendix D of the WY 2012 Supplemental EA includes the Steelhead Monitoring Plan that would check for Central Valley steelhead past Hills Ferry Barrier within the Restoration Area (see Figure 1-1 of WY 2012 Supplemental EA). Section 3.2.2 of the WY 2012 Supplemental EA states that the proposed action would not result in significant impacts to hydrology and that for the same reasons as described in the Final WY 2010 EA/IS and the WY 2011 Supplemental EA, with inclusion of the Steelhead Monitoring Plan, the proposed action would result in less than significant impacts to fish biological resources.

Section 2.2.8 of the WY 2011 Supplemental EA concludes that using water released under the proposed action to meet Vernalis flow requirements would not decrease releases in the Merced and Tuolumne Rivers. Table 4-18 of the Final WY 2010 EA/IS, depicts simulated changes in monthly average New Melones Reservoir storage, and the Final WY 2010 EA/IS describes these changes as less than significant.

Table 4-50 of the Final WY 2010 EA/IS, Monthly Averages of Simulated Exports Through Banks and Jones Pumping Plants, depicts simulated monthly average changes in exports through Banks and Jones Pumping Plants. The Final WY 2010 EA/IS states that impacts from potential changes in Delta pumping as a result of the proposed action would be less than significant. Section 2.2.5 of the WY 2011 Supplemental EA states that the proposed action could increase Delta inflow, and would result in small changes to allowable Delta exports as constrained by prevailing and relevant laws, regulations, biological opinions, and court orders in force and effect at the time the action water is recaptured.

Section 2.2.2 of the WY 2012 Supplemental EA states that Delta export facilities would continue to operate consistent with existing operating criteria and prevailing and relevant laws, regulation, biological opinions and court orders in place at the time water is rediverted, and, in implementing the proposed action, Reclamation will comply with applicable biological opinions issued by the U.S. Fish and Wildlife Service (USFWS) and the National Marine Fisheries Service (NMFS) and associated reasonable and prudent alternatives. See section 3.2.2 of the WY 2012 Supplemental EA regarding coordination and monitoring activities to ensure that impacts to listed species are avoided or minimized, as well as flow modification procedures to reduce or avoid impacts.

Although the Banta-Carbona Irrigation District facilities are screened for rediversion, rediversion at Patterson Irrigation District facilities would occur only after the proposed fish screen is functional and operationally compliant, and rediversion at West Stanislaus Irrigation District facilities would occur only with authority to take any listed species.

See section 2.2.2 and Table 2-4 of the WY 2012 Supplemental EA. Rediversion at facilities downstream of the Restoration Area would occur in accordance with facility operating criteria and applicable biological opinions (including allowable diversion rates).

See sections 3.5 and 4.5 of the Final WY 2010 EA/IS for discussion and analysis of terrestrial species. Section 3.2.3 of the WY 2011 Supplemental EA concludes that no specific changes to the environmental consequences for terrestrial resources as presented in the Final WY 2010 EA/IS would occur. Recapture of action water would occur only in compliance with regulatory requirements, including the USFWS and NMFS operations biological opinions, or requirements in place at time of action. Section 3.1.1 of the WY 2012 Supplemental EA provides that Reclamation will continue to implement the reasonable and prudent measures from the biological opinion issued by the Fish and Wildlife Service.

The spread of invasive plant species along the San Joaquin River would be exacerbated as a result of flows occurring under the proposed action. Therefore, the Final WY 2010 EA/IS includes a mitigation measure to implement the Invasive Species Monitoring and Management plan (Appendix F of the Final WY 2010 EA/IS), such that impacts from implementation of the proposed action related to the spread of invasive species would be less than significant. This plan is adopted as a mitigation measure in the WY 2011 Supplemental EA and in section 2.2.8 of the WY 2012 Supplemental EA.

Section 3.3.2 of the WY 2012 Supplemental EA concludes that the presence of blunt nosed leopard lizard in the Eastside Bypass is unlikely in water year 2012 and Table 3-1 of that document concludes that, for the same reasons as described in the Final WY 2010 EA/IS and the WY 2011 Supplemental EA, the proposed action would not result in significant impacts to terrestrial species. This includes listed, special-status, native, or migratory wildlife species.

Reclamation will notify the USFWS and the NMFS on the extension of the WY 2012 Supplemental EA for 180 days. Reclamation will forward responses to the Board as soon as they are received. Implementation of the proposed action could increase Delta inflow as much as 1,300 cfs and increase Delta exports, when such conditions comply with existing operating criteria, consistent with prevailing and relevant laws, regulations, biological opinions, and court orders in force at the time the water is recaptured. Recapture of action water at the Jones and Banks pumping plants would be subject to existing or future regulatory requirements and would comply with current biological opinions. See section 2.2.5 of the WY 2012 Supplemental EA.

See section 5.c for a discussion of the effects upon fisheries resources. The proposed action would not significantly impact fisheries resources. The proposed action would augment streamflow in the San Joaquin River and would provide generally high-quality water. In the event that impacts to fish species are greater than anticipated, Reclamation would reduce releases of action water at Friant Dam, change upstream rediversions to avoid downstream impacts, or constrain flows to upstream of the confluence of the San

Joaquin River with the Merced River in coordination with USFWS and/or NMFS as applicable. Flow modifications will take place on a real-time basis so that impacts would remain at levels not likely to adversely affect listed species. The proposed action will be conducted to comply with applicable USFWS and NMFS operations biological opinions. See sections 2.2.2 and 2.3 of the WY 2012 Supplemental EA regarding compliance with biological opinions and continued implementation of reasonable and prudent alternatives.

Reclamation's points of contact are Lonnie Wass, 559-445-5116 and Greg Vaughn, 916-464-4742, at the Central Valley RWQCB.

Reclamation's point of contact at the CDFW is Brian Erlandsen, 559-243-4014.

**Attachment – Persons Who May Be Affected by Proposed Changes,  
Reclamation’s Petitions for Temporary Urgency Change, Permitted Applications 234, 1465, and 5638**

Friant Water Authority  
Attn: Ronald Jacobsma  
854 North Harvard Avenue  
Lindsay, CA 93247

Contra Costa Water District  
Attn: Greg Gartrell  
P.O. Box H20  
Concord, CA 94524

California Department of Water  
Resources  
Attn: Kathy Kelly  
1416 9th Street  
P.O. Box 942836  
Sacramento, CA 94236-0001

East Contra Costa Irrigation District  
1711 Sellers Avenue  
Brentwood, CA 94513

San Joaquin River Exchange Contractors  
Attn: Steve Chedester  
P.O. Box 2115  
Los Banos, CA 93635

Contra Costa County Water Agency  
Attn: Roberta Goulart  
651 Pine Stree, 4<sup>th</sup> Floor – North Wing  
Martinez, CA 94553

San Luis National Wildlife Refuge  
Complex, U.S. Fish and Wildlife Service  
Attn: Kim Forrest  
P.O. Box 2176  
Los Banos, CA 93635

Stockton-East Water District  
Attn: Kevin Kauffman  
P.O. Box 5157  
Stockton, CA 95208

San Luis & Delta Mendota Water  
Authority  
Attn: Daniel G. Nelson  
P.O. Box 2157  
Los Banos, CA 93635

Central San Joaquin Water Conservation  
District  
311 East Main Street, Suite 202  
Stockton, CA 95202

Central Delta Water Agency  
Dante John Nomellini  
P.O. Box 1461  
Stockton, CA 95201

Oakdale Irrigation District  
Attn: Steve Knell  
1205 East F Street  
Oakdale, CA 95361

South Delta Water Agency  
Attn: Jerry Robinson  
4255 Pacific Avenue, No. 2  
Stockton, CA 95267

South San Joaquin Irrigation District  
Attn: Jeff Shields  
P.O. Box 747  
Ripon, CA 95366

State Water Contractors  
Attn: Terry Erlewine  
1121 L Street, Suite 1050  
Sacramento, CA 95814

Contra Costa County Water Agency  
Attn: Roberta Goulart  
651 Pine Street, 4th Floor - North Wing  
Martinez, CA 94553

**Attachment – Persons Who May Be Affected by Proposed Changes,  
Reclamation’s Petitions for Temporary Urgency Change, Permitted Applications 234, 1465, and 5638**

Lower San Joaquin Levee District  
Attn: Reggie Hill  
11704 Henry Miller Ave  
Dos Palos, CA 93620

Central Valley Flood Protection Board  
P.O. Box 942836  
Sacramento, CA 94236

Reclamation District 800  
1540 Discovery Bay Blvd., Suite A  
Discovery Bay, CA 94514

State Lands Commission  
100 Howe Ave Suite 100 South  
Sacramento, CA 95825-8202

San Joaquin River Resource  
Management Coalition  
Attn: Mari Martin  
P.O. Box 2115  
Los Banos, CA 93635

San Joaquin Area Flood Control Agency  
22 East Weber Avenue, Suite 301  
Stockton CA 95202

Paramount Farming Company  
33141 E. Lerdo Highway  
Bakersfield, CA 93308

Numerous Holding Contractors  
From Friant Dam to Gravelly Ford

Numerous Diverters on file with the  
State Water Board

## 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.

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](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

See Attachment

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:

[Empty text box for additional information]

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

[Empty text box for Date of Contact]

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:

[Empty text box for additional information]

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

If necessary, provide additional information below:

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:

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:

Insert the attachment number here, if applicable:

**Photographs**

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**

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  at .

  
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.)

### **Description of Proposed Changes**

See the General/Background discussion in the Supplement to Reclamation's Petitions.

### **Coordination with Regional Water Quality Control Board**

See sections 3.8 and 4.8 of the Final WY 2010 EA/IS for discussion and analysis of Geology and Soils. Section 3.2.1 of the WY 2012 Supplemental EA states that although the proposed action would alter the timing and magnitude of reservoir elevation fluctuations and magnitude and duration of instream flows, for the reasons provided in the Final WY 2010 EA/IS and WY 2011 Supplemental EA potential changes to downstream erosion characteristics and localized changes in geomorphical characteristics would be less than significant. In accordance with section 2.2.8 of the WY 2011 Supplemental EA, Reclamation will continue data collection and monitoring activities for sediments and turbidity during water releases.

The generation of wastewater from within the service areas of entities receiving water as a result of this project would be an issue between the entity and the Regional Water Quality Control Board (RWQCB). Rediverted flows would be delivered as in lieu supplies to meet existing contractual obligations. The existence of flows in the channel downstream of Friant Dam would not generate wastewater. Operation of Friant Dam to implement the proposed action would not directly result in generation of wastewater.

Points of contact are Lonnie Wass, 559-445-5116 and Greg Vaughn, 916-464-4742, at the Central Valley RWQCB.

### **Local Permits**

N/A

### **Federal and State Permits**

On July 10, 2009, the U.S. Army Corps of Engineers (Corps) sent a letter to Reclamation stating that no permits or permission will be required pursuant to Section 10, Section 404, or Section 408 for the San Joaquin River Restoration Program's Water Year (WY) 2010 Interim Flows project in the San Joaquin River. Reclamation requested confirmation for WY 2011 on June 23, 2010 and received confirmation from the Corps on August 27, 2010. Reclamation requested confirmation for WY 2012 on July 20, 2011 and received confirmation from the Corps on November 9, 2011. Reclamation requested confirmation for the long-term implementation of Interim and Restoration flows on September 28, 2012, and received confirmation from the Corps on November 8, 2012.

The Point of contact at CDFW is Brian Erlandsen, 559-243-4014.

### **Construction or Grading Activity**

N/A

### **Archeology**

This proposed action involves no new construction. See sections 3.7 and 4.7 of the Final WY 2010 EA/IS for discussion and analysis of Cultural Resources. Section 3.2.1 of the WY 2012 Supplemental EA states that the proposed action would not cause a substantial adverse change in the significance of an historical or archaeological resource, would not directly or indirectly destroy a unique paleontological resource or site or geological feature, or likely disturb any human remains. Section 3.2.1 of the WY 2012 Supplemental EA states that for the reasons described in the Final WY 2010 EA/IS and the WY 2011 Supplemental EA, implementation of the proposed action would result in less than significant impacts to cultural resources.

### **Photographs**

A set of representative photographs is on file with the Board.

### **Maps**

Maps are on file with the Board.

### **Other Information - Environmental Documents**

The document entitled Final Environmental Assessment and Proposed Finding of No Significant Impact/Initial Study and Proposed Negative Declaration for Water Year 2010 Interim Flows (Final WY 2010 EA/IS), dated September, 2009, has been prepared to support the WY 2010 IF, the WY 2011 IF, and the WY 2012 IF. The U.S Bureau of Reclamation is the lead agency under the National Environmental Policy Act and the California Department of Water Resources is the lead agency under the California Environmental Quality Act. A copy of the Final WY 2010 EA/IS has been furnished to State Water Board staff under separate cover and is also available to the public at [http://www.usbr.gov/mp/nepa/nepa\\_projdetails.cfm?Project\\_ID=3612](http://www.usbr.gov/mp/nepa/nepa_projdetails.cfm?Project_ID=3612).

The Supplemental Environmental Assessment for the Water Year 2011 Interim Flows Project, dated September, 2010 (WY 2011 Supplemental EA), including the supporting public draft document, is a supplement to the Final WY 2010 EA/IS, which has also been furnished to Board staff under separate cover and is also available to the public at the above website. The WY 2011 Supplemental EA addresses an additional year of WY 2011 Interim Flows (October 1, 2010 through September 30, 2011) and has been prepared using the Final WY 2010 EA/IS and incorporates that document by reference.

The WY 2012 Supplemental EA addresses an additional year of WY 2012 Interim Flows (October 1, 2011, through September 30, 2012) and has been prepared using the Final

**Attachment 1 to Environmental Information Form for Temporary Urgency Change, Permitted Applications 234, 1465, and 5638**

WY 2010 EA/IS and WY 2011 Supplemental EA and has incorporated those documents by reference. It has been furnished to the State Water Board staff under separate cover and is available at the above website.

The WY 2012 Supplemental EA, which has the same study area as that identified in the Final WY 2010 EA/IS, addresses results where conditions have not changed and evaluates potential impacts from implementation of the WY 2012 IF due to changed conditions and new information that have occurred since the approval of the WY 2011 Supplemental EA. The WY 2012 Supplemental EA provides the basis for whether a Finding of No New Significant Impacts can be issued. The WY 2012 Supplemental EA is incorporated herein by reference, and was made final in September, 2011. The proposed action, similar to the WY 2012 action, involves a maximum of 389,355 acre-feet of water.

In July, 2012, Reclamation issued a Final Programmatic Environmental Impact Statement/Report (PEIS/R) for the San Joaquin River Restoration Program. On September 28, 2012, Reclamation issued its Record of Decision. Those document have been furnished to the State Water Board under separate cover and are available at [http://www.usbr.gov/mp/nepa/nepa\\_projdetails.cfm?Project\\_ID=2940](http://www.usbr.gov/mp/nepa/nepa_projdetails.cfm?Project_ID=2940).

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- 1.0 Introduction and Statement of Purpose and Need.
- 2.0 Description of Alternatives
- 3.0 Affected Environment
- 4.0 Environmental Consequences
- 5.0 Consultation and Coordination
- 6.0 Compliance with Environmental Statutes, and Other Relevant Laws, Programs, and Agreements
- 7.0 List of Preparers
- 8.0 References

Appendices

- A-Stipulation of Settlement in *NRDC v. Kirk Rodgers, et al.*
- B- San Joaquin River Restoration Settlement Act
- C-Friant Dam Releases for Restoration Flows
- D-Seepage Management and Monitoring Plan for Water Year 2010 Interim Flows  
Monitoring Program for Water Year 2010 Interim Flows Attachment 1
- E-Flow Management and Monitoring Plan for Water Year 2010 Interim Flows
- F-Invasive Species Monitoring and Management and Plan for Water Year 2010 Interim Flows
- G-Modeling
  - Water Operations Modeling Output– CalSim Attachment 1
  - Temperature Modeling Output –SJR5Q Attachment 2
  - Delta Simulation Modeling Output-DSM 2 Attachment 3
  - Groundwater Modeling Output – Schmidt Method Attachment 4

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Air Quality Modeling Output-URBEMIS Attachment 5

Cursory Evaluation of Flood Impacts from Interim Flows Attachment 6

H-Biological Resources

Special-Status Species Reported By California Natural Diversity Database Attachment 1

U.S. Fish and Wildlife Service List of Special-Status Species Attachment 2

Special-Status Plant and Wildlife Species with the Potential to Occur in the Study Area Attachment 3

I-Responses to Comments

J-Landowner Outreach and Study Area Access

Inventions and Agendas Attachment 1

Sign-in Sheets Attachment 2

Advisories and Notifications Attachment 3

Responses from Third Parties Attachment 4

June 2010 Draft Supplemental EA – WY 2011 Table of Contents:

- 1.0 Introduction and Statement of Purpose and Need
- 2.0 Description of Alternatives
- 3.0 Affected Environment and Environmental Consequences
- 4.0 Consultation and Coordination
- 5.0 List of Preparers
- 6.0 Literature Cited

Appendices

A-Water Year 2010 Interim Flows Project – Final Environmental Assessment and Finding of No Significant Impact/Initial Study and Mitigated Negative Declaration

B-Restoration Administrator 2010 Interim Flow Program Recommendations – SJR February 1 – December 1, 2010

C-March 25, 2010 Letter to the Restoration Administrator Regarding Management of Interim Flows

D-Draft San Joaquin River Interim Flow Unsteady Modeling Analysis

E-2009-2013 Interim Flow Release Program, Water Quality Monitoring Plan

F-Groundwater Atlas

H-Draft 2009 Annual Technical Report

September 2010 Final EA – WY 2011 Table of Comments

- 1.0 Introduction
- 2.0 Comments
- 3.0 Responses to Comments
- 4.0 Errata
- 5.0 References

Attachments

**Attachment 1 to Environmental Information Form for Temporary Urgency Change, Permitted Applications 234, 1465, and 5638**

Information and Attachments Submitted with the San Joaquin River Exchange Contractors Water Authority and the San Joaquin River Resource Management Coalition Comment Letter Attachment A-1; Attachments Submitted with the San Luis & Delta-Mendota Water Authority and the State Water Contractors Comment Letter Attachment A-2

Appendices

Appendix A - Draft Financial Assistance Agreement and Related Correspondence with the Lower San Joaquin Levee District

Appendix B - Draft 2010 Annual Technical Report

September 2011 Supplemental EA – Water Year 2012 Table of Contents:

- 1.0 Introduction and Statement of Purpose and Need
- 2.0 Description of Alternatives
- 3.0 Affected Environment and Environmental Consequences
- 4.0 Consultation and Coordination
- 5.0 List of Preparers
- 6.0 Literature Cited

Appendices

- A-Water Year 2010 Interim Flows Project – Final Environmental Assessment and Finding of No Significant Impact/Initial Study and Mitigated Negative Declaration
- B-Draft and Final Supplemental Environmental Assessments for the WY 2011 Interim Flows Project and Finding of No Significant Impact
- C-Restoration Administrator 2011 Spring Interim Flow Program Real-Time Management Recommendations
- D-Steelhead Monitoring Program
- E-2009-2013 Interim Flow Release Program, Water Quality Monitoring Plan
- F-2010 Annual Technical Report
- G-Seepage Monitoring and Management Plan
- H-Mendota Pool Water Quality Response Plan
- I -Draft San Joaquin River Underseepage Limiting Capacity Analysis
- J -Draft Restoration Flow Guidelines, February 2011
- K - Responses to Comments Received on the Draft Supplemental WY 2012 Interim Flows EA

April 2011 Draft PEIS/R Table of Contents

- 1.0 Introduction
- 2.0 Description of Alternatives
- 3.0 Conditions for Describing the Affected Environment and Environmental Consequences
- 4.0 Air Quality

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- 5.0 Biological Resources - Fisheries
- 6.0 Biological Resources – Vegetation and Wildlife
- 7.0 Climate Change and Greenhouse Gas Emissions
- 8.0 Cultural Resources
- 9.0 Environmental Justice
- 10.0 Geology and Soils
- 11.0 Hydrology – Flood Management
- 12.0 Hydrology – Groundwater
- 13.0 Hydrology – Surface Water Supplies and Facilities Operations
- 14.0 Hydrology – Surface Water Quality
- 15.0 Indian Trust Assets
- 16.0 Land Use Planning and Agricultural Resources
- 17.0 Noise
- 18.0 Paleontological Resources
- 19.0 Power and Energy
- 20.0 Public Health and Hazardous Materials
- 21.0 Recreation
- 22.0 Socioeconomics
- 23.0 Transportation and Infrastructure
- 24.0 Utilities and Service Systems
- 25.0 Visual Resources
- 26.0 Cumulative Impacts
- 27.0 Other NEPA and CEQA Considerations
- 28.0 Consultation, Coordination, and Compliance
- 29.0 References
- 30.0 List of Preparers
- 31.0 Index

Appendices

- A. Stipulation of Settlement in NRDC, *et al.*, v. *Rodgers, et al.*
- B. San Joaquin River Restoration Settlement Act
- C. Glossary and Readers's Guide
- D. Physical Monitoring and Management Plan
- E. Fisheries Management Plan
- F. Coordination Act Report
- G. Plan Formulation
- H. Modeling
- I. Supplemental Hydrologic and Water Operations Analyses
- J. Surface Water Supplies and Facilities Operations
- K. Biological Resources – Fisheries
- L. Biological Resources – Vegetation and Wildlife
- M. Soil Classes and Geomorphology in the Restoration Area
- N. Geomorphology, Sediment Transportation, and Vegetation Assessment
- O. Socioeconomics
- P. Land Use

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Q Transportation and Infrastructure

July 2012 Final PEIS/R Table of Contents:

- 1.0 Introduction
- 2.0 Master Comment Responses
- 3.0 Individual Comments and Responses
- 4.0 Errata
- 5.0 References
- 6.0 List of Preparers

Appendices

- Appendix A Distribution List
- Appendix B Errata to the Draft PEIS/R
- Appendix C CVP/SWP Long-Term Operations Sensitivity Analyses
- Appendix D Fish and Wildlife Coordination Act Report