

Please indicate County where your project is located here:

Sac/Placer

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 5830 Permit 4009 License 6324 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 1

Proposed: See Attachment 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 1

Proposed: See Attachment 1

Purpose of Use

Present: See Attachment 1

Proposed: See Attachment 1

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:

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.

Proposed New User(s)

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

See Attachment 1

**Amount of Water to be Transferred**

acre-feet will be transferred. If the basis of right is direct diversion, the average rate of diversion for the maximum 30-day period of use is 15 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.

Delivery to San Juan Water District's facilities is addressed within contracts between the U.S. Bureau of Reclamation and San Juan Water District for release from Folsom Lake into the Hinkle Wye.

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

See Attachment 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 May 10, 2018 at Sacramento, CA

*Paul Helliker*

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](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)

**Attachment 1**  
**Petition for Change Involving Transfer**  
**2018 American River Region**  
**Temporary Groundwater Substitution Transfer Program**

**San Juan Water District - License 6324**

## Introduction

Several American River water purveyors (“Sellers”) have joined together to transfer up to 12,098 acre-feet of surface water during July, August, and September 2018 to State Water Project (“SWP”) contractors Kern County Water Agency and Dudley Ridge Water District (“Buyers”). Sellers will forego using the surface supplies that they would otherwise divert from the American River to serve municipal water demands and instead pump groundwater to serve their municipal demands. This document describes the proposed temporary groundwater substitution transfer (“Transfer”) and the agencies participating in the Transfer.

## Temporary Groundwater Substitution Transfer

The Transfer will include participation of six public agencies that rely on surface water diverted from the American River watershed and groundwater pumped from the portion of the North American Groundwater Basin within Sacramento County north of the American River. This Transfer reflects the regional cooperation among the participating public agencies to conjunctively manage their water supply operations.

The following public entities are participating in this Transfer either by providing surface water for delivery to the Buyers and/or pumping and delivering groundwater in lieu of the transferred surface water to meet local demands that otherwise would have been served with the transferred surface water (“groundwater pumper”):

- City of Sacramento *Seller and groundwater pumper*
- Carmichael Water District *Seller and groundwater pumper*
- Citrus Heights Water District *groundwater pumper*
- Fair Oaks Water District *groundwater pumper*
- Sacramento Suburban Water District *groundwater pumper*
- San Juan Water District *Seller*

The Sellers are entering into a single agreement with the Buyers that sets forth the terms for the temporary groundwater substitution transfer. The groundwater pumpers will provide the groundwater that will be used in lieu of the transferred surface water supplies. The surface water supplies that will be transferred are diverted under three post-1914 appropriative rights and one pre-1914 appropriative right.

Each post-1914 appropriative water right requires the filing of a separate Petition for Change Involving Water Transfers (“Petition”) under Water Code sections 1725 through 1732 in order to request a temporary change to the point of diversion, place of use, and purpose of use from the State Water Resources Control Board (“State Water Board”). The pre-1914 appropriative water

right will be transferred under Water Code section 1706 and is subject to review under the California Environmental Quality Act (“CEQA”).

The Buyers will take delivery of the Sellers’ surface water as part of the State Water Contractors’ (“SWC”) 2018 dry-year water transfer program that is purchasing water from several willing sellers in Northern California. DWR will convey the Sellers’ surface water to the Buyers’ places of use pursuant to a separate agreement. The requested temporary changes to each Seller’s post-1914 appropriative water right include the following:

1. Proposed New Users: Kern County Water Agency and Dudley Ridge Water District.
2. Proposed Additional Point of Diversion: The SWP’s Harvey O. Banks Pumping Plant (“Banks”) will be added as a point of diversion to allow the Department of Water Resources (“DWR”) to wheel the water to Buyers’ service areas. The proposed additional point of diversion is identified on maps filed with the Division of Water Rights under Application 5630 (SWP). Specifically, the point of diversion is described as: *Banks Pumping Plant via Clifton Court Forebay*: N 2,126,440 ft., E 6,256,425 ft., California Coordinate System Zone 3, NAD 83, being within the NW 1/4 of SE 1/4 of Projected Section 20, T1S, R4E, MDB&M.
3. Proposed Point of Rediversion: The San Luis Reservoir (“SLR”) will be added as a point of rediversion to allow DWR to wheel and remanage delivery of the Transfer water to the Buyers. SLR is identified on maps filed with the Division of Water Rights under Application 5630 (SWP). Specifically, the point of rediversion is described as: N 1,845,103 ft., E 6,393,569 ft., California Coordinate System Zone 3, NAD 83, being within the NW 1/4 of SE 1/4 of Projected Section 20, T1S, R4E, MDB&M.
4. Proposed Additional Places of Use: The transferred water will be used within the Buyers’ specific service areas contained within the SWP service area. The service areas are shown on the SWP service area map, Map 1878-1, 2, and 3 on file with the Division of Water Rights under Application 5630.
5. Proposed Additional Purposes of Use: Domestic, Municipal and Industrial, and Irrigation (for any such purposes not included as a purpose of use on each unique petitioner’s water rights).

The proposed American River regional groundwater substitution transfer involves surface water rights and groundwater production with established beneficial use histories and system inerties that allow regional groundwater deliveries where necessary to facilitate the regional transfer approach. **Table 1** summarizes the participants’ surface water and groundwater assets and how they are integrated for the Transfer.

This Petition for Change Involving Transfer is specific to the San Juan Water District. Separate petitions will be submitted to the State Water Board by Carmichael Water District and the City of Sacramento, unique to each water right involved in the Transfer.

**Table 1 – Groundwater Substitution and Surface Water Transfer Quantities by Seller**

Groundwater Substitution quantity (acre-feet)							
	FOWD	CHWD	SSWD		City of Sac	CWD	Total GW Sub
	own serv.	own serv.	own serv.	into City	own serv.	own serv.	
Jul	725	725	800	700	1,300	200	4,450
Aug	725	725	1,000	700	1,300	200	4,650
Sep	725	725	400	700	1,300	200	4,050
	2,175	2,175	2,200	2,100	3,900	600	13,150

Surface water transfer quantity with 8% stream depletion adjustment (acre-feet)						
	SJWD		City of Sacramento		CWD	Total SW to Transfer
	to FOWD	to CHWD	to SSWD	own serv.	own serv.	
Jul	667	667	736	1,840	184	4,094
Aug	667	667	920	1,840	184	4,278
Sep	667	667	368	1,840	184	3,726
	2,001	2,001	2,024	5,520	552	12,098

### Sellers Surface Water Rights Information

Each of the participating Seller’s specific surface water right(s) information is uniquely provided in three (3) separate Petitions for Change Involving Transfer; one each for Carmichael Water District, the City of Sacramento, and San Juan Water District.

This petition is unique to the San Juan Water District.

The petition presented below will follow the transfer rules under California Water Code sections 1725 through 1732 and California Code of Regulations section 794 *et seq.*

#### San Juan Water District

San Juan Water District (“SJWD”) holds two water rights that will be part of this transfer: License 6324 and a quantified pre-1914 appropriative right reported under Statement of Water Diversion and Use (“SODU”) S000656. SJWD seeks State Water Board approval for the temporary changes to its point of diversion, place of use, and purposes of use for up to 2,000 acre-feet<sup>1</sup> under water right License 6324:

1. Current Points of Diversion: SJWD’s primary point of diversion is the municipal intake in Folsom Dam, which feeds the pipelines that supply water to SJWD and the Cities of Folsom and Roseville. SJWD’s surface supplies are rediverted at the “Hinkle Wye” and conveyed into its Sidney N. Peterson Water Treatment Plant located adjacent to Folsom Dam. The specific points are described in more detail in License 6324.

<sup>1</sup>This is a net surface water volume after accounting for the 8% stream depletion factor.

2. Current Place of Use: The water under License 6324 may be used in San Juan Water District's wholesale service area, which includes Citrus Heights Water District, Fair Oaks Water District, Orangevale Mutual Water Company, City of Folsom's Ashland service area, and San Juan's retail service area. This is shown on the map for License 6324 on file at the State Water Board.
3. Current Purpose of Use: Irrigation and Domestic beneficial uses

SJWD will forgo diverting 2,175 acre-feet of surface water under License 6324 and make the foregone water available to the Buyers at the outlet of Folsom Dam. Reclamation will release the water from the dam on the normal pattern that it normally would be delivered to SJWD for treatment and delivery to its municipal and industrial customers. This water, less a stream depletion factor of 8%, will be delivered to Buyers for rediversion at Banks for use in Buyer's service areas. Upon State Water Board approval of the petition, the transfer will be exempt from CEQA review under Water Code section 1729.

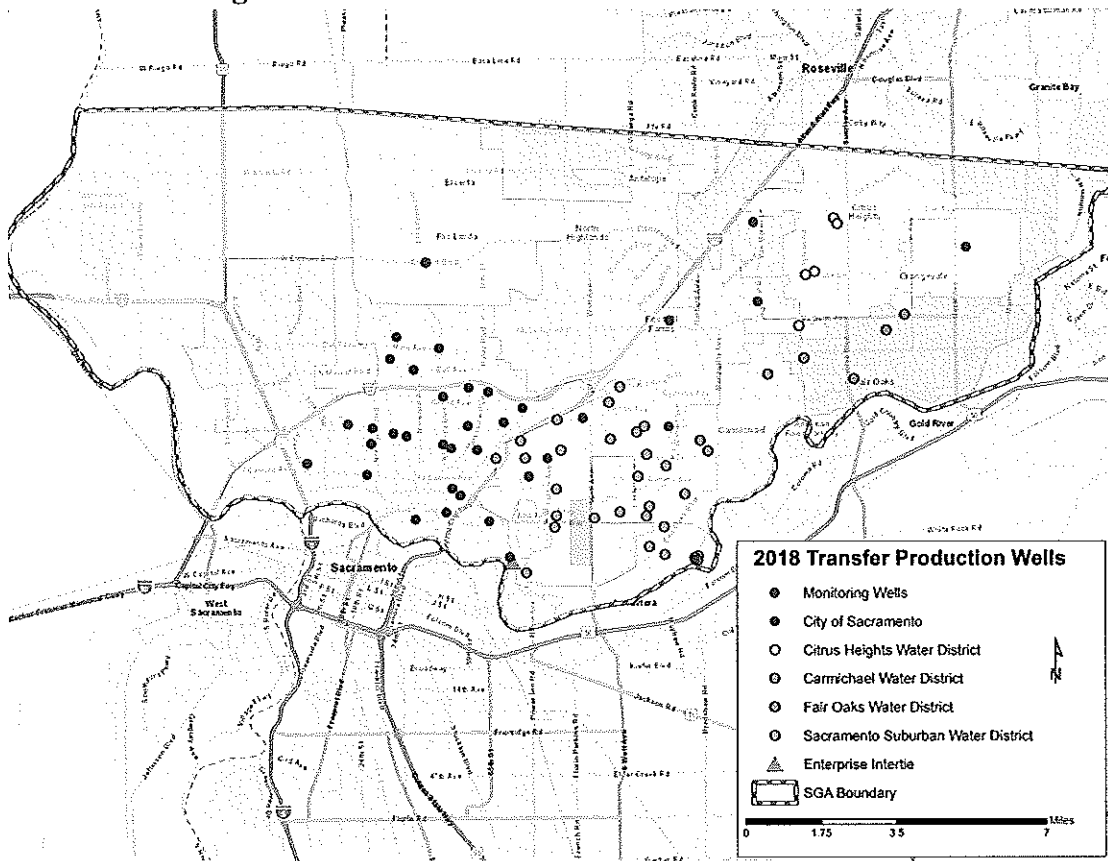
SJWD also will transfer up to 2,000 acre-feet under its pre-1914 appropriative right under Water Code section 1706 and a CEQA negative declaration (SCH #2018042036). This portion of the Transfer, however, is not subject to approval under Water Code sections 1725 through 1732 and is noted here solely for informational purposes. The total amount of water for the Transfer supplied by SJWD under both water rights is 4,000 acre-feet (or 4,350 acre-feet prior to applying the stream depletion factor of 8%). This total volume will be delivered to Buyers for rediversion at Banks for use in Buyer's service areas.

San Juan has requested Reclamation's consent to release SJWD's water supply from Folsom Dam to facilitate the Transfer, which will be obtained prior to commencement of the Transfer.

## Groundwater Pumper Information

The Transfer will include groundwater pumping by five participating public agencies that conjunctively use groundwater supplies pumped from the portion of the North American Groundwater Basin within Sacramento County north of the American River. **Figure 1** shows the location of the production wells that will be used for the entire Transfer associated with all of the Sellers. The groundwater pumping will total 13,150 acre-feet of water in the months of July, August and September.

**Figure 1 – Groundwater Production Wells for Transfer**



This pumping amount equals the total amount of surface water to be transferred plus the 8% stream depletion factor that DWR and Reclamation agreed to apply to groundwater substitution transfers by Sacramento and SSWD in 2010, and 2013, and proposed but not finalized transfers in 2016, in accordance with an extensive technical analysis and review led by the Sacramento Groundwater Authority (“SGA”).

The quantity proposed for the Transfer reflects the historical baseline use of surface water by the proponents in previous years. **Table 1** (above) shows the quantities of surface water to be transferred and the amount of groundwater to be pumped to service the demands that otherwise would have been supplied by the foregone surface water, and **Table 2** lists the production well information for all of the groundwater pumpers involved in the entire Transfer.

The groundwater pumpers are:

1. City of Sacramento,
2. Sacramento Suburban Water District,
3. Carmichael Water District,
4. Fair Oaks Water District, and
5. Citrus Heights Water District.

The groundwater pumping and use details of each groundwater pumper related to this Transfer are described below. Only wells which have been approved by DWR and Reclamation will be used for the proposed Transfer, following the guidelines issued in the *Draft Technical Information for Preparing Water Transfer Proposals*, dated December 2015.<sup>2</sup> The Sellers will enter into a conveyance agreement with DWR that will further define the acceptable groundwater pumping, quantification protocols, monitoring requirements and any mitigating requirements.

In accordance with Water Code Section 1745.10, the groundwater pumping necessary to facilitate the Transfer is within historical pumping baselines for each participating agency and within the safe yield as determined by SGA under its 2014 and prior groundwater management plans. In addition, the six agencies participating in the Transfer are actively participating in conjunctive use efforts in the region as part of SGA's groundwater management regime administered through the 2014 Groundwater Management Plan and the Groundwater Accounting Framework. These efforts are also consistent with the agencies' obligations under the 2000 Water Forum Agreement. As a result, the pumping required for the Transfer will not result in overdraft of the underlying basin. As a condition of participation in the proposed temporary transfer, the Sellers have developed a groundwater monitoring, reporting, and mitigation plan to ensure the proposed transfer does not result in any unreasonable and adverse impacts to the groundwater basin or third parties.

#### Citrus Heights Water District

CHWD will pump a total of 2,175 acre-feet of groundwater to replace surface water used under SJWD's License 6324 and pre-1914 appropriative water right under SODU 000625. CHWD will use the wells identified in **Table 2** to pump the substitution water. As described above in the Groundwater Pumper Information section and as agreed by DWR and Reclamation, CHWD's proposed groundwater pumping is within its historical groundwater pumping and use, and the wells it will pump from to facilitate the Transfer have passed all certification requirements.

#### Fair Oaks Water District

Fair Oaks Water District (FOWD) will pump a total of 2,175 acre-feet of groundwater to replace surface water used under SJWD's License 6324 and pre-1914 appropriative water right under SODU 000625. FOWD will use the wells identified in **Table 2** to pump the substitution water. As described above in the Groundwater Pumper Information section and as agreed by DWR and Reclamation, FOWD's proposed groundwater pumping is within its historical groundwater pumping and use, and the wells it will pump from to facilitate the Transfer have passed all certification requirements.

---

<sup>2</sup>[http://wdl.water.ca.gov/watertransfers/docs/2016\\_Water\\_Transfer\\_White\\_Paper.pdf](http://wdl.water.ca.gov/watertransfers/docs/2016_Water_Transfer_White_Paper.pdf)



**Table 2 – Groundwater Production Wells for Transfer**

Agency	Well Name	Latitude [N]	Longitude [W]
Carmichael Water District	Willow Park Well	38.60489219170	-121.34271104700
Carmichael Water District	Winding Way Well	38.64512426910	-121.30659734000
Carmichael Water District	Garfield Well	38.62298535340	-121.33597058500
Carmichael Water District	La Vista Well	38.61941834630	-121.33262614200
Citrus Heights Water District	PALM	38.66130116700	-121.29302634000
Citrus Heights Water District	SYLVAN	38.67944525550	-121.28609572900
Citrus Heights Water District	BONITA	38.69741700060	-121.27757300000
Citrus Heights Water District	MITCHELL	38.67839100000	-121.28991700000
Citrus Heights Water District	SUNRISE	38.69555154500	-121.27609875000
City of Sacramento	WELL 133	38.64699297210	-121.46844702100
City of Sacramento	WELL 134	38.64688496360	-121.45758271200
City of Sacramento	WELL 131	38.63798455310	-121.44546910300
City of Sacramento	WELL 155	38.63432585390	-121.41147825400
City of Sacramento	WELL 137	38.62961386050	-121.41979985500
City of Sacramento	WELL 138	38.64099160550	-121.43448812200
City of Sacramento	WELL 129	38.62654727030	-121.42841081600
City of Sacramento	WELL 126	38.62827991410	-121.43490401600
City of Sacramento	WELL 094	38.62723463840	-121.47588640000
City of Sacramento	WELL 123	38.62559802150	-121.46695784100
City of Sacramento	WELL 093	38.62202368580	-121.47660227600
City of Sacramento	WELL 124	38.62472301630	-121.46122723100
City of Sacramento	WELL 120	38.62070263660	-121.44258752600
City of Sacramento	WELL 143	38.62217609400	-121.44580062200
City of Sacramento	WELL 122	38.62023752700	-121.43163558500
City of Sacramento	WELL 112	38.60715625750	-121.44245545000
City of Sacramento	WELL 114	38.60489571800	-121.43891420300
City of Sacramento	WELL 156	38.59938466800	-121.44519656400
City of Sacramento	WELL 091	38.61146806600	-121.47856963100
City of Sacramento	WELL 139	38.59656304410	-121.45821037200
City of Sacramento	WELL 158	38.59632290450	-121.42694293800
City of Sacramento	WELL 153	38.65432461420	-121.44684056400
City of Sacramento	WELL 164	38.65797256210	-121.46456191100
Fair Oaks Water District	Heather	38.65041466500	-121.29098779500
Fair Oaks Water District	Town	38.64326621040	-121.26965510700
Fair Oaks Water District	Northridge School	38.65958068840	-121.25551074500
Fair Oaks Water District	Madison	0.00000000000	0.00000000000
Sacramento Suburban Water District	Sierra / Blacmer	38.57880746280	-121.41142110200
Sacramento Suburban Water District	Merrily / Annadale	38.63608429470	-121.37516930800
Sacramento Suburban Water District	Auburn / Yard	38.63027338190	-121.39761483800
Sacramento Suburban Water District	Edison / Truax	38.62326746620	-121.41358237800
Sacramento Suburban Water District	Albatros / Iris	38.61741742220	-121.42423138400
Sacramento Suburban Water District	Calderwood / Marconi	38.62001059210	-121.39613973200
Sacramento Suburban Water District	Beccerra / Woodcrest	38.62360465710	-121.37463513400
Sacramento Suburban Water District	Watt / Arden	38.59703982690	-121.38180149100
Sacramento Suburban Water District	Kubel / Armstrong	38.59790209690	-121.39817499000
Sacramento Suburban Water District	Hillsdale / Cooper	38.59408748570	-121.39905222800
Sacramento Suburban Water District	Auburn / Norris	38.64120720350	-121.37033700700
Sacramento Suburban Water District	Whitney / Concetta	38.62783151300	-121.36001550100
Sacramento Suburban Water District	Eastern / Woodside Church	38.62591674490	-121.36333566300
Sacramento Suburban Water District	Greenwood / Marconi	38.61835397890	-121.35907247800
Sacramento Suburban Water District	Eden / Root	38.61447046700	-121.35076021200
Sacramento Suburban Water District	Ravenwood / Eastern	38.61098611930	-121.36290171300
Sacramento Suburban Water District	Riding Club / Ladino	38.59900720900	-121.37082157600
Sacramento Suburban Water District	Thor / Mercury	38.59757152770	-121.35938521800
Sacramento Suburban Water District	Ulysses / Mercury	38.60085426450	-121.35813449000
Sacramento Suburban Water District	Copenhagen / Arden	38.59391292730	-121.35180794400
Sacramento Suburban Water District	Bell / Marconi	38.61742199610	-121.41155213200
Sacramento Suburban Water District	El Prado / Park Estates	38.60691391530	-121.39820352800
Sacramento Suburban Water District	River Walk / East	38.58395887030	-121.33726797200
Sacramento Suburban Water District	River Walk / North	38.58346671270	-121.33859844100
Sacramento Suburban Water District	River Walk South	38.58260381590	-121.33752194900
Sacramento Suburban Water District	Rodney T. Franz	38.58455890610	-121.35158158400
Sacramento Suburban Water District	Stewart / Lynddale	38.58731196920	-121.35827734700

## General Transfer Information

The following information describes the entire Transfer proposal between the Sellers and the Buyers, and is inclusive of this petitioner's contribution of surface water to the Transfer water quantity. All of the information provided below applies similarly to each petitioner.

The surface water that will be delivered under the Transfer would have been consumptively used but for the Transfer. Specifically, each Seller has historically used its surface water supply to meet consumptive uses within each respective service area. In this instance, the Sellers will forego using this surface water and use groundwater in lieu of the surface water transferred. Thus, the only water transferred will be water that otherwise would have been consumptively used.

In addition, absent the Transfer, neither the Sellers nor groundwater pumpers would use the groundwater that will be pumped as part of this transaction as part of the participating agencies' on-going conjunctive use efforts consistent with SGA's groundwater management program. The Sellers and groundwater pumpers would have used the surface water supplies described in this document to meet their customers' demands. As such, the groundwater that will be used in lieu of the transferred surface water will only be pumped because of the Transfer.

### Analysis of Streamflow, Water Quality and Other Effects

The amount of potential changes in streamflow, water quality, timing of diversion or use, return flows, and effects on legal users of water will be insignificant or non-existent and therefore will not cause adverse economic, physical, or environmental effects. The transfer of up to 12,098 AF from the lower American River is a small increment of the water that will be bypassed from direct diversion along the American River or from Folsom Reservoir during the transfer period of July 1 through September 30. Cumulatively, the bypass of direct diversion of the water rights held by Sacramento, SJWD and CWD would equate to approximately 65 cfs daily of additional flow in the lower American River below the Fairbairn Diversion.

Downstream of City of Sacramento's Fairbairn Water Treatment Plant – the most downstream of the current points of diversion of the Sellers along the American River – the Transfer will increase the flow in the lower reach of the lower American River and in the Sacramento River by about 65 cfs. Once being left in the river, the Transfer water, which will be released over several months on the same pattern it would have been diverted and used, will comprise an increasingly small increment of water as it flows downstream when compared to the average flows in the lower American River, Sacramento River and the Delta.

As explained below, the Transfer involves a small quantity of water compared to the volumes of water moving through these river systems. **Table 3** presents the average daily Delta outflow, river flows, and SWP and CVP pumping rates as average flow rates during the period July through September, which includes the proposed transfer period.

The data presented in **Table 3** is for 2015, an extremely dry condition with SWP allocation to the Buyers set at 20%, and represents recent data for the relevant months provided by Reclamation's Central Valley Operations (CVO) in various monthly reports.<sup>3</sup> This information provides context

---

<sup>3</sup>CVO reports are available at: <https://www.usbr.gov/mp/cvo/index.html>

for the approximate average flow of 65 cfs from the transfer for SWRCB consideration as required by Water Code §1727(b)(1).

**Table 3 – Representative Average Monthly Flow Conditions for Various Locations along the Proposed Transfer Pathway (all values in cfs)**

<b>Location</b>	<b>July</b>	<b>August</b>	<b>September</b>
Lower American River	3,077	2,145	819
Sacramento River at Freeport	7,532	7,523	7,894
Delta Inflow	8,523	8,264	8,517
Combined SWP/ CVP Pumping	744	1,417	2,257
Delta Outflow	3,295	3,560	3,083

The 12,098 AF of Transfer Water will not be transferred all at once, but will be left in the lower American River and conveyed across the Delta to Banks at the rate of approximately 65 cfs (approximately 130 acre-feet per day) over the three-month July through September 2018 period. As indicated in Table 3 above, in comparison to the amount proposed for transfer, much larger volumes of water are expected to move through the lower American and Sacramento Rivers and the Delta. Thus, the transfer of an additional approximately 12,000 AF during this period would increase flows by only a very small amount compared to the total in any of the water bodies listed, and would also cause only a very small increase to SWP and CVP Delta pumping. Thus, while the exact operations required to implement the proposed transfer cannot be stated with precision at this time, the transfer will not affect streamflow or water quality. And, given the transfer of water consistent with the historic and documented diversion rates of the Sellers, the transfer will not affect timing of diversion or use. The use of groundwater in-lieu of the surface diversions will not change the patterns and use of water by Sellers’ customers. Thus, to the extent they exist, any return flows to the American River would remain unchanged.

Because of the minimal changes to existing conditions, other legal users of water will not be adversely affected by the proposed Transfer. The only effects of the Transfer on other legal users of water will be a very slight increase in river flows from the current points of diversion at Folsom Lake (for SJWD) or along the lower American River (for the City and CWD) to the proposed points of diversion and redirection at the SWP Facilities. It should be noted that any increases in flows resulting from the Transfer will be well within historical average flows in the affected streams. Furthermore, when the Transfer water is diverted by the SWP Facilities, DWR will divert all water in compliance with all existing state and federal regulations, including the salmon and smelt biological opinions, Decision 1641, and existing regulatory requirements. Given the negligible flow rate compared to existing and historic operations (see Table 3), the Transfer will not unreasonably affect fish, wildlife or other instream beneficial uses.

## Proposed New Users Information

Kern County Water Agency  
Lara Kimm  
P.O. Box 58  
Bakersfield, CA 93302

Dudley Ridge Water District  
c/o Rick Besecker  
Provost & Pritchard Engineering Group, Inc.  
286 W. Cromwell Avenue  
Fresno, CA 9371