RECLAMATION

Managing Water in the West

Compliance Monitoring and Evaluation Report, WY 2000 to Present

In compliance with the "Management Agency Agreement between the Central Valley Regional Water Quality Control Board and the Bureau of Reclamation" executed on December 22, 2008.

~~May~~ November 2010

U.S. Department of the Interior
Bureau of Reclamation
Mid-Pacific Region

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Abbreviations and Acronyms

Action Plan	Actions to Address the Salinity and Boron TMDL Issues for the Lower San Joaquin River
Basin Plan	Water Quality Control Plan for the Sacramento and San Joaquin River Basins, 4th Edition
Basin Plan Amendment	Salt and Boron Total Maximum Daily Load for the lower San Joaquin River
BMP	Best Management Practices
CDFG	California Department of Fish and Game
CVP	Central Valley Project
CVPIA	Central Valley Project Improvement Act
CV-SALTS	Central Valley Salinity Alternatives for Long-Term Sustainability
DMC	Delta-Mendota Canal
Compliance Plan	Compliance Monitoring and Evaluation Plan
Compliance Report	Compliance Monitoring and Evaluation Report (this document)
EC	electrical conductivity
EIS/EIR	Environmental Impact Statement/Environmental Impact Report
GBP	Grassland Bypass Project
GDA	Grassland Drainage Area
MAA	Management Agency Agreement
mg/L	milligrams per liter
µS/cm	micro Siemens per centimeter
Reclamation	Bureau of Reclamation
Regional Water Board	Central Valley Regional Water Quality Control Board
RTMP	Real Time Management Program
Service	U.S. Fish and Wildlife Service
SLDMWA	San Luis and Delta-Mendota Water Authority
TAF	thousand acre-feet
TDS	total dissolved solids
TMDL	total maximum daily load
VAMP	Vernalis Adaptive Management Plan
WAP	Water Acquisition Program
WCFSP	Water Conservation Field Services Program
WQO	water quality objective
WRDP	Westside Regional Drainage Plan
WY	Water Year

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Purpose

The purpose of the Compliance Monitoring and Evaluation Report (Compliance Report) is to meet one commitment of the initial monitoring, reporting, and assessment program agreed to in the "Management Agency Agreement between the Central Valley Regional Water Quality Control Board and the United States Bureau of Reclamation" (MAA) executed on December 22, 2008. The MAA describes the cooperative actions the Bureau of Reclamation (Reclamation) will take under the Salt and Boron Total Maximum Daily Load for the lower San Joaquin River (Basin Plan Amendment) as described in the Water Quality Control Plan for the Sacramento and San Joaquin River Basins, 4th Edition (Basin Plan). The MAA states:

> Reclamation will submit a Final Compliance Monitoring and Evaluation Report to the Regional Water Board. Where appropriate, the report will include the data and quantification methods used to evaluate the salt loads from Delta-Mendota Canal (DMC) operations and salinity offset credits to be applied to the various elements of Reclamation's Action Plan. The Central Valley Regional Water Quality Control Board (Regional Water Board) acknowledges that Reclamation has been implementing measures in the Action Plan for years prior to adoption of the current total maximum daily load (TMDL). At Reclamation's option, the report may quantify the results of past actions to assist with future evaluation of the DMC load allocation.
>
> Additionally, the report will summarize the activities conducted and resources provided by Reclamation in implementing the Real Time Program element of its Action Plan, the progress and status of efforts to establish a viable Real Time Program, and a schedule and milestones for planned activities.

The MAA refers to Reclamation's Salinity Management Plan of Actions to Address the Salinity and Boron Total Maximum Daily Load Issues for the Lower San Joaquin River (Action Plan), which can be downloaded at

http://www.waterboards.ca.gov/centralvalley/water_issues/tmdl/central_valley_projects/ vernalis_salt_boron/draft_maa_plan.pdf

The MAA can be downloaded at

http://www.waterboards.ca.gov/centralvalley/water_issues/tmdl/central_valley_projects/vernalis_salt_boron/signed_maa_22dec08.pdf.

Reclamation submitted a draft Compliance Report to the Regional Water Board in October, 2009. On October 23, 2009 Regional Water Board staff submitted comments and suggested revisions. Reclamation worked with the Regional Water Board to determine how to make final revisions to both the Compliance Monitoring and Evaluation Plan (Compliance Plan) and the Compliance Report, in order to complete both prior to July 2010. The Regional Water Board held a comment period and public meeting and asked Reclamation to respond to a

portion of the comments (some of the comments concerned elements of the adopted Basin Plan). This Report presents data and activities from water year 2000 to July 2010, using the methodology and data described in the Compliance Plan.

In the stakeholder comments, there was a request to describe Reclamation's conclusions on what actions were needed or could be prioritized to ensure compliance with the Basin Plan allocations to the Delta Mendota Canal. Reclamation is currently developing modeling tools in order to conduct this analysis and to develop a compliance strategy, and therefore can only note this comment at this time.

A. Flow Actions

1. New Melones Reservoir Operations – Provision of Dilution Flow

Status: Water Rights Decision 1641 ordered Reclamation to meet the Vernalis (salinity) objective by releasing water from New Melones, in conjuction with other measures to control salinity at Vernalis. ~~New Melones Reservoir currently provides dilution flows to meet the Vernalis water quality objectives (WQOs) – essentially diluting salinity loads for the entire basin in real time.~~

Accomplishments: New Melones Reservoir flows offset salinity loads imported through the DMC. The combination of land retirement, increased level IV refuge water supply, and reduced salt loading from the Grasslands Bypass Project has altered the hydrology of the Basin and has reduced the salinity loading of the San Joaquin River over the past ten years. New Melones Reservoir dilution flows currently provide the final action to ensure the water quality standard will be met. Public Law 108-361 section 103(d)(2)(D)(i) directs Reclamation to develop and initiate implementation of a the Program to Meet Standards prior to increasing export limits from the delta or increasing deliveries through an intertie. The Program to Meet Standards relies on federal authorities existing prior to Public Law 108-361 and has a stated purpose of providing "greater flexibility in meeting the existing water quality standards and objectives for which the Central Valley Project has responsibility, so as to reduce the demand on water from New Melones Reservoir used for that purpose and to assist the Secretary in meeting any obligations to Central Valley contractors from the New Melones Project Included in the Program to Meet Standards is the purchase of water from willing sellers, study of the Delta Mendota Recirculation, development of wetland best management practices, and an update to the plan of operation for the New Melones Reservoir. ~~Through Public Law 108-361, Reclamation is directed to develop and implement the Program to Meet Standards, in part to reduce the reliance on New Melones Reservoir to provide flows to meet water quality and flow objectives. Included in the Program to Meet Standards is the purchase of water from willing sellers and an update to the plan of operation for the New Melones Reservoir.~~ The dilution flows provided through operation of the New Melones Reservoir are quantified using the methodology described in Section A.2 of the Compliance Plan.

WY 2000 through present Dilution Flow Allocation: Table 1 presents monthly dilution flow allocations from Goodwin Dam releases for Water Years 2000 through March 2010. The 2010 water-year type is estimated based on the 75% probability of exceedance found in the California Department of Water Resource's Water Supply Index Forecasts (http://cdec.water.ca.gov/cgi-progs/iodir/WSI) for the San Joaquin Valley. The 75% exceedence forecast for May 1, 2010 was 3.5, which would make 2010 an above normal year. Note that

dilution flow allocations that are negative represent the ability to offset DMC loads (to the degree those loads require an offset).

Table 1: Goodwin Dam Monthly Dilution Flow Allocation, thousand tons (ktons)

	Goodwin Dam Flow, TAF[1]	Base Flow, TAF	Q_{dil} , TAF	WQO, µS/cm	C_{dil} (monthly average EC at Orange Blossom Bridge), µS/cm	Dilution Flow Allocation, A_{dil}, ktons
Water Year 2000[2]						
Oct						
Nov						
Dec						
Jan	20	9	11	1000	125	-7.7
Feb	83	8	74	1000	114	-54.7
Mar	121	11	111	1000	90	-83.4
April	69	29	40	700	83	-20.3
May	93	29	64	700	72	-33.3
Jun	52	2	50	700	91	-25.4
Jul	19	2	16	700	103	-8.1
Aug	19	2	17	700	100	-8.3
Sep	18	15	3	1000	100	-2.5
Water Year 2001[2]						
Oct	30	10	20	1000	93	-14.8
Nov	22	14	9	1000	66	-6.7
Dec	22	13	9	1000	67	-7.25
Jan	19	12	7	1000	72	-5.1
Feb	16	19	0	1000	81	0
Mar	17	17	0	1000	89	0
April	55	28	27	700	73	-13.9
May	71	61	10	700	64	-5.3
Jun	30	2	28	700	62	-15.1
Jul	27	3	23	700	62	-12.4
Aug	21	12	9	700	62	-4.8
Sep	15	15	1	1000	64	-0.5
Water Year 2002						
Oct	27	10	17	1000	17	-13.5
Nov	21	14	7	1000	7	-5.7
Dec	21	13	8	1000	8	-6.0
Jan	19	12	7	1000	7	-5.0
Feb	27	19	8	1000	8	-6.1
Mar	31	17	14	1000	14	-10.2
April	59	28	31	700	31	-16.4
May	56	61	0	700	0	0
Jun	29	2	27	700	27	-14.0
Jul	26	3	23	700	23	-11.9
Aug	14	12	2	700	2	-1.0
Sep	12	15	0	1000	0	0

[1] Thousand Acre-Feet (TAF)

[2] Water Year 2000 electrical conductivity (EC) data is from the Ripon station, since Orange Blossom Bridge (OBB) data was first collected in November 2000.

Table 1 Cont'd: Goodwin Dam Monthly Dilution Flow Allocation, ktons

	Goodwin Dam Flow, TAF	Base Flow, TAF	Q_{dil} , TAF	WQO, µS/cm	C_{dil} (monthly average EC at Orange Blossom Bridge), µS/cm	Dilution Flow Allocation, A_{dil}, ktons
Water Year 2003						
Oct	21	9	12	1000	70	-9.5
Nov	17	12	5	1000	77	-3.5
Dec	17	13	4	1000	83	-2.9
Jan	18	9	9	1000	101	-7.0
Feb	31	13	17	1000	94	-13.1
Mar	29	11	18	1000	80	-13.8
April	49	36	13	700	69	-6.9
May	48	46	2	700	70	-1.0
Jun	71	2	69	700	67	-36.0
Jul	25	2	23	700	64	-12.1
Aug	18	2	16	700	68	-8.2
Sep	15	15	0	1000	70	-0.3
Water Year 2004						
Oct	28	10	18	1000	72	-14.1
Nov	15	14	1	1000	72	-1.0
Dec	15	13	3	1000	75	-2.0
Jan	19	12	6	1000	91	-4.8
Feb	21	19	2	1000	95	-1.6
Mar	13	17	0	1000	100	0
April	36	28	7	700	71	-3.9
May	47	61	0	700	69	0
Jun	42	2	40	700	63	-21.2
Jul	30	3	26	700	62	-14.0
Aug	18	12	6	700	64	-3.3
Sep	11	15	0	1000	66	0
Water Year 2005[3]						
Oct	19	8	11	1000	90	-8.6
Nov	17	12	4	1000	98	-3.1
Dec	17	13	4	1000	106	-3.2
Jan	14	18	0	1000	140	0
Feb	13	18	0	1000	173	0
Mar	18	9	9	1000	164	-6.5
April	22	28	0	700	158	0
May	92	28	64	700	73	-33.3
Jun	26	20	6	700	70	-3.2
Jul	21	5	16	700	90	-8.1
Aug	15	18	0	700	88	0
Sep	15	15	0	1000	70	-0.1

[3] Water Year 2005 EC data is primarily from the Ripon station, since Orange Blossom Bridge (OBB) data is only available for May, June and September.

Table 1 Cont'd: Goodwin Dam Monthly Dilution Flow Allocation, ktons

	Goodwin Dam Flow, TAF	Base Flow, TAF	Q_{dil} , TAF	WQO, µS/cm	C_{dil} (monthly average EC at Orange Blossom Bridge), µS/cm	Dilution Flow Allocation, A_{dil}, ktons
Water Year 2006						
Oct	33	8	25	1000	70	-19.2
Nov	21	12	9	1000	79	-6.5
Dec	91	13	78	1000	77	-59.9
Jan	249	18	231	1000	72	-177.9
Feb	90	18	72	1000	66	-55.6
Mar	195	9	186	1000	66	-144.5
April	278	28	250	700	77	-129.0
May	249	28	221	700	70	-115.6
Jun	92	20	73	700	57	-38.7
Jul	74	5	69	700	66	-36.2
Aug	74	18	56	700	64	-29.4
Sep	70	15	54	1000	70	-42.0
Water Year 2007						
Oct	91	8	84	1000	70	-64.5
Nov	37	13	24	1000	63	-18.7
Dec	60	13	48	1000	62	-36.9
Jan	72	9	63	1000	65	-48.5
Feb	49	8	41	1000	65	-32.0
Mar	58	9	49	1000	76	-37.4
April	53	28	25	700	76	-12.7
May	92	28	64	700	64	-33.9
Jun	41	0	40	700	62	-21.3
Jul	23	0	23	700	60	-11.9
Aug	16	0	16	700	63	-8.3
Sep	10	1	9	1000	66	-6.9
Water Year 2008						
Oct	29	8	21	1000	68	-16.4
Nov	17	13	4	1000	72	-3.3
Dec	17	13	5	1000	71	-3.5
Jan	16	9	7	1000	87	-5.1
Feb	15	8	7	1000	109	-5.3
Mar	57	9	48	1000	82	-36.7
April	66	28	38	700	69	-20.0
May	54	28	26	700	67	-13.7
Jun	26	0	26	700	69	-13.6
Jul	25	0	25	700	77	-12.7
Aug	18	0	17	700	83	-8.8
Sep	10	1	9	1000	72	-7.3

Table 1 Cont'd: Goodwin Dam Monthly Dilution Flow Allocation, ktons

	Goodwin Dam Flow, TAF	Base Flow, TAF	Q_{dil}, TAF	WQO, µS/cm	C_{dil} (monthly average EC at Orange Blossom Bridge), µS/cm	Dilution Flow Allocation, A_{dil}, ktons
Water Year 2009						
Oct	25	9	16	1000	73	-12.4
Nov	15	12	3	1000	79	-2.0
Dec	15	13	2	1000	72	-1.5
Jan	11	9	2	1000	80	-1.6
Feb	15	13	1	1000	73	-1.1
Mar	18	11	7	1000	90	-5.4
April	51	36	15	700	66	-8.0
May	54	46	8	700	68	-4.1
Jun	37	2	34	700	73	-17.9
Jul	20	2	18	700	67	-9.3
Aug	17	2	15	700	67	-7.7
Sep	31	15	17	1000	69	-12.8
Water Year 2010						
Oct	41	8	33	1000	71	-25.3
Nov	15	12	3	1000	70	-2.0
Dec	14	13	1	1000	72	-1.0
Jan	14	9	5	1000	86	-3.6
Feb	50	8	41	1000	100	-31.0
Mar	17	11	6	1000	100	-4.7
Apr	66	29	37	700	73	-19.0
May	47	29	18	700	77	-9.2
Jun	18	2	16	700	72	-8.4

2. Water Acquisitions – Water Acquisitions Program

Status: The Water Acquisition Program (WAP) is an ongoing program authorized through the Central Valley Project Improvement Act of 1992 (CVPIA). In the San Joaquin basin, the WAP primarily acquires water to meet CVPIA Level 4 refuge water supplies and also funds the Vernalis Adaptive Management Program (VAMP), designed to meet spring pulse flow requirements. The San Joaquin River Agreement, which includes VAMP performance and the purchase of fall pulse flows, ~~has been~~was extended ~~to~~ through ~~2011~~2010 and may be extended through 2011.

Accomplishments: The most consistent, applicable water acquisition by Reclamation is that of fall pulse flows from the Merced River. In 2007, Reclamation purchased 15 TAF of water from Lake McClure on the Merced River and 30 TAF from Goodwin Dam on the Stanislaus River to provide flows to benefit Delta smelt. Between Water Year 2000 and Water Year 2009, Reclamation has expended $8,475,984 on the acquisition of this water. Flows

acquired on the Stanislaus (over $13.5 million between WY2000 and 2006) are accounted for in the previous section.

WY 2000 through present Dilution Flow Allocation: The dilution flows provided through acquisition of fall pulse flows on the Merced River from water year 2000 through 2009 are presented in Table 2, using the methodology described in Section A.2 of the Compliance Plan.

Table 2: WAP Dilution Flow Allocation, tons

	Merced Pulse Flow, Q_{dil}, TAF	C_{dil} (pulse period average EC at Merced River near Stevinson), µS/cm	Dilution Flow Allocation, A_{dil}, thousand tons
Oct 2000	9	69	-6.8
Nov 2000	0.8	78	-0.6
Dec 2000	3.0	137	-2.1
Nov 2001	5.1	75	-3.9
Dec 2001	7.4	88	-5.6
Oct 2002	12.5	81	-9.5
Oct 2003	12.5	127	-9.0
Oct 2004	12.5	No data (assume 150)	-8.8
Oct 2005	12.5	No data (assume 150)	-8.8
Oct 2006	12.5	57 (limited data)	-9.8
Jun 2007	15	47	-13.7
Nov 2007	7.7	61	-6.0
Dec 2007	4.8	76	-3.7
Oct 2008	12.5	87	-9.5
Oct 2009[4]	12.5	118	-9.1

3. DMC Recirculation – Provision of Dilution Water

Status: The DMC Recirculation Project is one project Reclamation is studying that could provide dilution water for salinity management. As part of the project studies, Reclamation conducted three pilot recirculation studies, in 2004, 2007, and 2008. The purpose of the pilot studies were to evaluate the local and downstream impacts of Recirculation and to provide valuable information on the project's potential to serve Reclamation's commitments to improve water quality in the lower San Joaquin River related to Water Rights Decision 1641 (D-1641). The pilot studies included releases of water pumped from the Delta at Tracy and conveyed through the DMC to the Newman Wasteway, where it was then conveyed to the lower San Joaquin River.

[4] The 2009 Annual Technical Report for the VAMP is not yet available. 2009 calculations based on continued provision of 12.5 TAF pulse flow in the month of October, using the average salinity at MST.

In October 2010, Reclamation released a Plan Formulation Report which found the project to be infeasible, so this section quantifies the offsets provide through pilot studies. ~~A Plan Formulation Report for the project is scheduled to be finalized and made public in 2010.~~ Altogether, Reclamation ~~has~~ expended over $850,000 on the three pilot recirculation studies, not including water and power cost, and about $3 million on the project investigation.

Accomplishments: In the 2004 pilot Recirculation study, flows were discharged from the Newman Wasteway into the San Joaquin River from August 19 to September 9. A moderate recirculation flow of 250 cfs was released and maintained for approximately 12 days, while water quality samples were collected in the Wasteway and water quality was monitored in the lower San Joaquin River for dilution effects. The 2004 pilot study showed promise but also highlighted the need to coordinate future studies with river diversions so that the recirculated water is not diverted prior to providing its dilution effect.

In the 2007 pilot Recirculation study, flows were discharged from the Newman Wasteway into the San Joaquin River from August 15 to September 12. The study called for a small-scale (100 to 200 cfs flow) and short-term (30 days maximum duration) implementation of Recirculation, in order to investigate and implement various identified water quality control measures (to minimize localized water quality impacts) and to study the effects of using recirculation in combination with Delta barrier operations.

In the 2008 pilot Recirculation study, flows were discharged from the Newman Wasteway into the San Joaquin River from July 28 through September 15. Technical difficulties in probe replacement resulted in less than full days of data during some of the study period. Available data at milepost 8.16 in the Wasteway was averaged over the days within each month that the study was in progress.

WY 2000 through present Dilution Flow Allocation: The dilution flows provided through recirculation pilot studies from 2000 to 2009 are presented in Table 3, using the methodology described in Section A.3 of the Compliance Plan.

Table 3: Dilution Flow Allocation of DMC Recirculation Pilot flows, tons

	Volume of Recirculated Water, TAF	Salinity at Newman Wasteway, EC, µS/cm	Dilution Flow Allocation, thousand tons
Aug 2004	6.3	356	-1.8
Aug 2007	1.5	448	-0.3
July 2008	1.0	795	0
Aug 2008	13.4	450	-3.9
Sep 2008	7.1	530	-2.8

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B. Salt Load Reduction Actions

1. Grassland Bypass Project/ Westside Regional Drainage Plan

Status: The Grassland Bypass Project (GBP) is in the 15th year of its implementation. Reclamation provided $6.385 million in grant funding in 2009 to implement the GBP, bringing the cumulative grant funding amount to $17,518,819 from 2000 to 2009. The past nine years of activities are well documented and not repeated in this report.

2009 Accomplishments: The GBP reports annually to the Regional Board on its activities and accomplishments; they are not repeated here. In Water Year 2009, the third year of drought reduced the acres of irrigated field crops in the Grassland Drainage Area (GDA). Consequently, the volume of unusable subsurface drainage water discharged from the GDA to Mud Slough (north) was significantly reduced. The annual load of salts discharged in 2009 are estimated to be about 54,000 tons, the lowest in 23 years and half of the load discharged in drought year 1991. Reclamation-related GBP and Westside Regional Drainage Plan (WRDP) activities include:

- Reclamation has executed a third use agreement to continue the GBP through 2019, allowing more time to obtain funds to construct treatment facilities that will completely eliminate all discharges of unusable agricultural subsurface drainage water from the GDA to the San Joaquin River and local wetland water supply channels.
- Reclamation has completed important documentation to support the new Use Agreement, including an Administrative Draft Environmental Impact Statement/Report (EIS/EIR), prepared by Entrix Inc.
- The EIS/EIR for the continuation of the GBP was completed and sent to the US Environmental Protection Agency. A notice of availability will be published in the Federal Register soon. The San Luis and Delta-Mendota Water Authority (SLDMWA) has certified that the document complies with the California Environmental Quality Act and the Regional Board will use the document to proceed with the amendment to the Basin Plan. The National Environmental Policy Act portion will be completed following the receipt of a Biological Opinion from the US Fish and Wildlife Service.

Reclamation also executed a grant for $6.385 million dollars to support development of the WRDP. The grant, combined with state Proposition 50 funding and local cost sharing, will be used to develop more than 6,000 acres of reuse lands. This reuse area has been an important tool to ensure the success of the GBP.

- Funds will be used to install facilities to collect and distribute drain water across the reuse area, remove and replace open drain ditches that were

hazardous to waterfowl, and line earth canals with concrete to reduce seepage losses.

- Funds will also be used to line water supply canals in three districts in the GDA to reduce seepage losses to the shallow aquifer, and to reroute six sumps, which currently discharge highly saline groundwater into the DMC, directly to the GBP reuse area.

Reclamation has also accelerated its schedule to implement the San Luis Drainage Feature Re-evaluation Plan, beginning with the construction of a physical treatment demonstration facility by 2014.

WY 2000 through present Offset Potential: On December 29, 2009, SLDMWA submitted its 2009 annual report to the Regional Board. Data from Table 1 of the annual report is presented in Table 4 below:

Table 4: Water Year Discharge Comparison from Grassland Drainage Area

	Tons of Salt Discharged	Reduced Tons of Salt Discharged	Potential load offset, thousand tons
WY 1995	237,530		
WY 2000	139,303	-98,227	-98.2
WY 2001	142,415	-95,115	-95.1
WY 2002	128,411	-109,119	-109.1
WY 2003	126,500	-111,030	-111.0
WY 2004	121,138	-116,392	-116.4
WY 2005	138,908	-98,622	-98.6
WY 2006	119,646	-117,884	-117.9
WY 2007	79,094	-158,436	-158.4
WY 2008	66,254	-171,276	-171.3
WY 2009	55,556	-181,974	-182.0

2. Conservation Efforts

Status: The Water Conservation Program is an ongoing program mandated through the Reclamation Reform Act of 1982 and the CVPIA.

Accomplishments: In 2009, Reclamation's three water conservation programs, CALFED Bay Delta-Program, Water2025, and the Water Conservation Field Service Program (WCFSP), awarded four proposals from water districts within the San Joaquin Basin. In total, Reclamation provided $1,912,470 which resulted in approximately $2.9 million for all four projects when recipient contributions are included.

These projects included lining of a portion of a supply canal in San Luis Water District; improvements to several district laterals, as well as installation of several

SCADA units in Merced Irrigation District; and replacement of meters and development of a ground water banking system in Madera Irrigation District.

C. Mitigation Actions

1. Real Time Management Program – Development of Stakeholder-Driven Program

Status: The Real Time Management Program (RTMP) is described in the Basin Plan Amendment as a stakeholder driven effort to use "real-time" water quality and flow monitoring data to support water management operations in order to maximize the use of assimilative capacity in the San Joaquin River. The Regional Water Board describes this assimilative capacity as up to 85% of the load determined by Vernalis salinity objective. Reclamation has contracted with a facilitation firm to support the development of a stakeholder-driven program. The program schedule, meeting notes, related documents, and additional information regarding the program are available at http://www.sanjoaquinriverrtmp.com/.

Activities: Actions undertaken in 2008 and 2009 include:

- Reclamation engaged consultants to facilitate stakeholder involvement in developing a RTMP.
- Reclamation held two stakeholder workshops.
- Reclamation obtained additional technical support for FY 2010.
- Reclamation developed a salt source map and white paper for the project area and began an effort to identify potential infrastructure needs.
- Reclamation staff converted information on salinity loading and allocation schemes, developed during Compliance Plan production, into a white paper for program discussion.

2. Real Time Management Program – Technical Support

Status: A successful RTMP will require a real time monitoring network and a model capable of reasonably accurate forecasting of assimilative capacity. Reclamation is committed to participate in the development and support of these tools. The technical support of this program will follow the stakeholder process.

Activities: Reclamation developed a graphical user interface, water quality data management tool, and a database model which were presented at the second stakeholder workshop. Stakeholders participated in several work groups and discussions occurred in routine conference calls. Discussions during these meetings intersect many other programs and there is a need for extensive coordination amongst agency members and stakeholders.

Reclamation engaged Berkeley National Laboratory to oversee the development and analysis of various salinity scenarios through the WARMF model. Results were presented at the second stakeholder workshop. Reclamation began an effort to identify potential infrastructure needs.

3. Wetlands Best Management Practices Plan

Status: Reclamation has been working with the US Fish and Wildlife Service (Service), California Department of Fish and Game (CDFG), and the Grassland Water District to develop a Strategic Wetlands Best Management Practices (BMP) Plan. Reclamation also provides resources to support the development of a real-time monitoring network (over 28 stations) and other potential BMP analysis tools within federal, state, and private managed wetlands.

Activities: Reclamation has sponsored a project entitled "Water Quality Monitoring in the Grassland Resource Conservation District." This 3-year project will retrofit 6 existing monitoring stations and integrate these stations with stations carried over from a State Water Resources Control Board-sponsored pilot project on wetland real-time salinity management. Twenty-eight additional stations are being installed in the Grassland Water District, CDFG, and Service lands. All stations will become part of a sensor network currently supported by YSI EcoNet. Research supported by Reclamation as part of this project is investigating data management systems and is developing software that will integrate existing sensor networks into a common decision support system. The decision support system will ultimately be used to help schedule wetland salt loading to the San Joaquin River.

Berkeley National Laboratory has provided project oversight for the installation of new stations in the Grassland Water District, Los Banos Wildlife Management Area, and San Luis National Wildlife Refuge. Installations are 80% complete. All installed stations are currently telemetered for flow, temperature and electrical conductivity through YSI-EcoNet and the NIVIS data server. Instantaneous data is publicly available through the Grassland Water District website – time series data will be made available to the public after undergoing data quality assurance. This data management system has been successfully deployed for the past 3 years: however; it is not a viable long-term enterprise solution for the watershed – the scaled up costs are beyond what is affordable to the wetland entities – therefore alternative systems are being investigated.

4. Involvement in CV-SALTS program

Status: The Regional Water Board and State Water Resources Control Board initiated a comprehensive effort to address salinity problems in the Central Valley and adopt long-term solutions that will lead to enhanced water quality and economic sustainability. The Central Valley Salinity Alternatives for Long-Term Sustainability (CV-SALTS) is a collaborative basin planning effort aimed at developing and implementing a comprehensive salinity management program. The goal of CV-SALTS is to maintain a healthy environment and a good quality

of life for all Californians by protecting the state's most essential and vulnerable resource: water.

Activities: Reclamation continues to participate in various sub-committees of the program – Leaders Group, Technical Advisory Committee (as co-chair), Education and Outreach. In addition:

- Reclamation volunteered to draft the first version of the CV-SALTS work plan.
- Reclamation was involved in the development and review of solicitation packages from potential contractors to conduct a salt and nitrate pilot study.
- Reclamation provided an update to the technical advisory committee regarding MAA and RTMP activities.
- Reclamation issued a contract to complete a pilot source study in the Northwest and Grassland areas.

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D. Central Valley Project Deliveries Load Calculation

Loads were calculated using the methodology and coefficients described in the Compliance Plan.

2009 Calculations: Total salinity loads from the DMC and Mendota Pool are summed for the each subarea. The DMC loads that are above the TMDL load allowance are calculated by subtracting the allowance from the load. Calculations are made per the methodology presented in section D of the Compliance Plan, and are presented in Tables A-1 through A-4. Excess Central Valley Project (CVP) salinity loads from deliveries to both subareas are summarized in Table A-5, using the methodology described in Section D of the Compliance Plan.

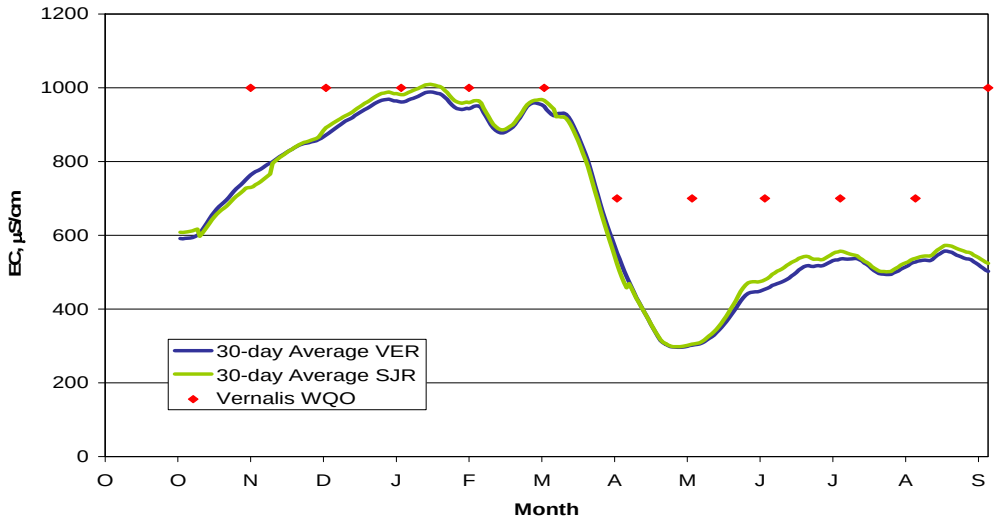
E. Future Actions

The San Joaquin River Restoration Program released environmental documentation in mid-2009 evaluating the impacts of the first set of environmental flow releases in October 2009. Environmental flow releases were made in fall 2009 and spring 2010.

F. Vernalis Water Quality

2009 Conditions: The running thirty-day average salinity for 2009 was calculated using this methodology and is presented in Figure 1. 2009 was classified as a below normal year for the San Joaquin River. (Graphs were not produced for the period prior to MAA execution. Table 6 itemizes monthly average EC at Vernalis from WY2000 through the present.)

Figure 1: WY 2009 Vernalis Water Quality



G. Reporting Requirements

Reclamation has submitted timely quarterly reports for 2009, beginning with the first quarter of the 2009 calendar year.

H. Funding Reporting

Reclamation agreed in the MAA to seek additional funding, including grant funding, to support salinity control efforts. In its quarterly reports, Reclamation reports on its funding, both received and obligated.

2009 to present Funding: Table 5 summarizes the funding information presented in this Compliance Report.

Table 5: Reclamation Funding of Salinity Mitigation

Years	Program	Amount
2000-2009	WAP	$8,475,984
2000-2006	WAP	over $13,500,000
2000-2009	Recirculation Pilot Studies	over $850,000
2000-2009	Recirculation Project Investigation	$3,000,000
2000-2009	GBP/WRDP	$17,518,819
2009	WCFSP	$2,900,000

Reclamation has also submitted several FY 2011 budget requests, including funding for the WRDP and RTMP:

I. Monitoring Program

2009 Accomplishments: At the end of September 2009, Reclamation awarded a contract to Montgomery Watson Harza to complete an assessment of the sources and fate of salts throughout the Northwest and Westside subareas. As part of this work, salinity monitoring gaps will be identified.

J. Summary

Within the MAA is a goal for Reclamation to offset or reduce DMC excess loads (loads over the DMC allocation) by 25 percent by July 2010. Table 6 summarizes the DMC excess loads and the sources of potential impacts, the percentage of annual loading that is offset, along with the observed monthly average EC at the compliance location (Vernalis) for WY2000 through WY2009. Reclamation has consistently exceeded the 25 percent goal.

Table 6: Example of Calculated Loads and Assimilative Capacity of Individual Draft Plan Elements for WY2000, ktons of salt

	DMC Load over Allocation	A-1: New Melones	A-2: WAP	A-4: Recirc-ulation	B-3: WRDP (annual only)	Vernalis average Salinity, μS/cm
Water Year 2000						
September to March Standard, 1000 μS/cm						
Oct						
Nov						
Dec						
Jan	11.0	-7.7				766
Feb	19.0	-19.0				577
Mar	22.0	-22.0				225
April to August Standard, 700 μS/cm						
Apr	24.5	-20.3				332
May	45.5	-33.3				352
Jun	53.6	-25.4				536
Jul	45.0	-45.0				593
Aug	40.3	-8.3				497
September to March Standard, 1000 μS/cm						
Sep	44.6	-2.5				386
TOTAL	**305.521**	**-64.523**	**0**	**0**	**-98.227**	***53%***
Water Year 2001						
September to March Standard, 1000 μS/cm						
Oct	28.5	-14.8	-6.8			405
Nov	13.4	-6.7	-0.6			569
Dec	19.8	-7.2	-2.1			685
Jan	19.5	-5.0				752
Feb	36.3	0				712
Mar	29.1	0				832
April to August Standard, 700 μS/cm						
Apr	30.3	-13.9				583
May	53.9	-5.3				387
Jun	62.4	-15.1				638
Jul	54.3	-12.4				627
Aug	64.9	-4.8				650
September to March Standard, 1000 μS/cm						
Sep	70.5	-0.5				610
TOTAL	**482.812**	**-85.688**	**-9.481**		**-95.115**	***39%***

Table 5 Cont'd: Example of Calculated Loads and Assimilative Capacity of Individual Draft Plan Elements for WY2000, ktons of salt

	DMC Load over Allocation	A-1: New Melones	A-2: WAP	A-4: Recirc-ulation	B-3: WRDP (annual only)	Vernalis average Salinity, μS/cm
Water Year 2002						
September to March Standard, 1000 μS/cm						
Oct	43.1	-13.5				512
Nov	19.5	-5.7	-3.9			627
Dec	9.9	-4.3	-5.6			740
Jan	7.4	-5.0				734
Feb	39.2	-6.1				888
Mar	37.6	-10.2				917
April to August Standard, 700 μS/cm						
Apr	33.3	-16.4				521
May	41.9	0				380
Jun	59.8	-14.0				679
Jul	50.2	-11.9				582
Aug	58.8	-1.0				635
September to March Standard, 1000 μS/cm						
Sep	47.5	0				623
TOTAL	**448.058**	**-79.4944**	**-9.5062**		**-109.119**	***44%***
Water Year 2003						
September to March Standard, 1000 μS/cm						
Oct	83.3	-9.5	-9.5			525
Nov	21.1	-3.5				673
Dec	18.1	-2.9				784
Jan	15.2	-7.0				956
Feb	38.4	-13.1				949
Mar	37.6	-13.8				966
April to August Standard, 700 μS/cm						
Apr	24.3	-6.9				601
May	42.6	-1.0				462
Jun	38.9	-36.0				448
Jul	36.4	-12.1				570
Aug	49.9	-8.2				632
September to March Standard, 1000 μS/cm						
Sep	44.6	-0.3				627
TOTAL	**450.402**	**-114.349**	**-9.506**		**-111.030**	***52%***

Table 5 Cont'd: Example of Calculated Loads and Assimilative Capacity of Individual Draft Plan Elements for WY2000, ktons of salt

	DMC Load over Allocation	A-1: New Melones	A-2: WAP	A-4: Recirc-ulation	B-3: WRDP (annual only)	Vernalis average Salinity, μS/cm
Water Year 2004						
September to March Standard, 1000 μS/cm						
Oct	43.5	-14.1	-9.0			475
Nov	18.1	-1.0				679
Dec	11.1	-2.0				773
Jan	14.7	-4.8				821
Feb	33.0	-1.6				813
Mar	34.3	0				702
April to August Standard, 700 μS/cm						
Apr	31.1	-3.9				464
May	54.9	0				438
Jun	58.1	-21.2				611
Jul	51.5	-14.0				626
Aug	43.5	-3.3		-1.8		655
September to March Standard, 1000 μS/cm						
Sep	48.1	0				690
TOTAL	**441.874**	**-65.925**	**-9.047**	**-1.787**	**-116.392**	***44%***
Water Year 2005						
September to March Standard, 1000 μS/cm						
Oct	59.8	-8.6	-8.8			521
Nov	22.3	-3.1				723
Dec	6.9	-3.2				854
Jan	7.8	0				521
Feb	19.9	0				612
Mar	21.0	-6.5				459
April to August Standard, 700 μS/cm						
Apr	18.4	0				263
May	31.4	-31.4				167
Jun	28.4	-3.2				199
Jul	46.6	-8.1				382
Aug	49.6	0				476
September to March Standard, 1000 μS/cm						
Sep	38.9	-0.1				482
TOTAL	**350.927**	**-64.080**	**-8.811**		**-98.622**	***49%***

Table 5 Cont'd: Example of Calculated Loads and Assimilative Capacity of Individual Draft Plan Elements for WY2000, ktons of salt

	DMC Load over Allocation	A-1: New Melones	A-2: WAP	A-4: Recirc-ulation	B-3: WRDP (annual only)	Vernalis average Salinity, μS/cm
Water Year 2006						
September to March Standard, 1000 μS/cm						
Oct	27.3	-18.5	-8.8			507
Nov	24.4	-6.5				703
Dec	10.0	-10.0				579
Jan	4.2	-4.2				198
Feb	31.4	-31.4				319
Mar	13.2	-13.2				205
April to August Standard, 700 μS/cm						
Apr	5.5	-5.5				128
May	45.5	-45.5				95
Jun	49.0	-38.7				110
Jul	48.5	-36.2				359
Aug	44.1	-29.4				367
September to March Standard, 1000 μS/cm						
Sep	30.4	-30.4				358
TOTAL	333.502	-269.5	-8.811		-117.884	*100%*
Water Year 2007						
September to March Standard, 1000 μS/cm						
Oct	22.5	-12.8	-9.8			298
Nov	14.5	-14.5				615
Dec	13.6	-13.6				619
Jan	23.6	-23.6				569
Feb	36.7	-32.0				657
Mar	29.2	-29.2				655
April to August Standard, 700 μS/cm						
Apr	26.2	-12.7				535
May	47.3	-33.9				350
Jun	58.1	-21.3	-13.7			453
Jul	44.4	-11.9				637
Aug	48.1	-8.3		-0.3		625
September to March Standard, 1000 μS/cm						
Sep	47.3	-6.9				654
TOTAL	**411.666**	**-220.867**	**-23.471**	**-0.305**	**-158.436**	***98%***

Table 5 Cont'd: Example of Calculated Loads and Assimilative Capacity of Individual Draft Plan Elements for WY2000, ktons of salt

	DMC Load over Allocation	A-1: New Melones	A-2: WAP	A-4: Recirc-ulation	B-3: WRDP (annual only)	Vernalis average Salinity, μS/cm
Water Year 2008						
September to March Standard, 1000 μS/cm						
Oct	33.9	-16.4				580
Nov	12.8	-3.3	-6.0			602
Dec	8.0	-3.5	-3.7			759
Jan	8.7	-5.1				681
Feb	25.5	-5.3				750
Mar	45.7	-36.7				847
April to August Standard, 700 μS/cm						
Apr	34.3	-20.0				479
May	55.8	-13.7				365
Jun	57.1	-13.6				669
Jul	46.4	-12.7				611
Aug	52.4	-8.8		-3.9		600
September to March Standard, 1000 μS/cm						
Sep	58.4	-7.3	0	-2.8		687
TOTAL	**439.037**	**-146.339**	**-9.672**	**-6.664**	**-171.276**	***76%***
Water Year 2009						
September to March Standard, 1000 μS/cm						
Oct	36.3	-12.4	-9.5			600
Nov	16.1	-2.0				763
Dec	4.6	-1.5				870
Jan	8.4	-1.6				961
Feb	23.7	-1.1				945
Mar	39.8	-5.4				951
April to August Standard, 700 μS/cm						
Apr	35.4	-8.0				552
May	56.3	-4.1				302
Jun	65.4	-17.9				454
Jul	41.4	-9.3				532
Aug	49.9	-7.7				526
September to March Standard, 1000 μS/cm						
Sep	57.2	-12.8				502
TOTAL	**434.518**	**-83.913**	**-9.460**		**-181.974**	***63%***

Table 5 Cont'd: Example of Calculated Loads and Assimilative Capacity of Individual Draft Plan Elements for WY2000, ktons of salt

	DMC Load over Allocation	A-1: New Melones	A-2: WAP	A-4: Recirc-ulation	B-3: WRDP (annual only)	Vernalis average Salinity, μS/cm
Water Year 2010						
September to March Standard, 1000 μS/cm						
Oct	34.5	-25.3	-9.1(est)			415
Nov	16.0	-2.0				691
Dec	3.4	-1.0				851
Jan	4.6	-3.6				813
Feb	21.1	-31.0				760
Mar	27.8	-4.7				747
April to August Standard, 700 μS/cm						
Apr	21.0	-19.0				408
May	47.0	-9.2				234
Jun	41.7	-8.4				245
Jul						470
Aug						568
September to March Standard, 1000 μS/cm						
Sep						448
TOTAL						

Appendix A: WY2000 to present CVP Load Calculations

Table A-1: WY2000 through March 2010 San Joaquin River and Mendota Pool Deliveries from CVP (Grassland Subarea)

	Laguna WD (via CCID),TAF	San Luis WD (via CCID), TAF	Central California ID (CCID), TAF	Columbia Canal Co, TAF	Firebaugh Canal WD, TAF	San Luis Canal Co (SLCC), TAF	Grassland WD (via CCID & SLCC), TAF	Kesterson (USFWS) (via CCID), TAF	Los Banos WMA (CDFG) (via CCID), TAF	San Luis NWR (USFWS) (via SLCC), TAF	China Island Unit (CDFG), TAF	Salt Slough Unit (CDFG), TAF	Freitas Unit (USFWS) (via CCID), TAF	Total Deliveries, TAF	Average TDS at Check 21, mg/L	Monthly Salt Load, thousand tons
Multiplier	1.00	1.00	0.87	0.94	1.00	1.00	1.00	1.00	1.00	0.85	0.86	1.00	1.00	NA	NA	NA
Water Year 2000																
Oct																
Nov																
Dec																
Jan	0		0.1	0	0.3	0	7.4	0	1.5					9.4	393	5.0
Feb	0		14.9	2.0	5.7	0.9	7.1	0	0.8					31.4	370	15.8
Mar	0		21.0	7.6	3.0	13.9	3.8	0.3	0.1					49.7	322	21.8
Apr	0		27.8	4.8	3.4	15.7	0	0	0.2					51.9	288	20.3
May	0		51.0	5.9	6.0	16.1	0.5	0	1.3					80.8	301	33.1
Jun	0		63.2	8.6	6.5	26.0	0.3	0.5	1.5					116.3	263	41.6
Jul	0		61.8	9.6	5.3	27.5	0	0.3	2.0					117.5	221	35.4
Aug	0		54.5	9.1	4.7	26.0	0	0	1.2					113.7	223	34.5
Sep	0		25.1	4.3	2.7	11.5	0	0	4.6					116.2	250	39.5

Table A-1 Cont'd: WY2000 through 2010 San Joaquin River and Mendota Pool Deliveries from CVP (Grassland Subarea)

	Laguna WD (via CCID),TAF	San Luis WD (via CCID), TAF	Central California ID (CCID), TAF	Columbia Canal Co, TAF	Firebaugh Canal WD, TAF	San Luis Canal Co (SLCC), TAF	Grassland WD (via CCID & SLCC), TAF	Kesterson (USFWS) (via CCID), TAF	Los Banos WMA (CDFG) (via CCID), TAF	San Luis NWR (USFWS) (via SLCC), TAF	China Island Unit (CDFG), TAF	Salt Slough Unit (CDFG), TAF	Freitas Unit (USFWS) (via CCID), TAF	Total Deliveries, TAF	Average TDS at Check 21, mg/L	Monthly Salt Load, thousand tons
Multiplier	1.00	1.00	0.87	0.94	1.00	1.00	1.00	1.00	1.00	0.85	0.86	1.00	1.00	NA	NA	NA
Water Year 2001																
Oct	0		20.9	1.5	0.8	3.8	27.0	0	5.9					60.0	320	26.1
Nov	0		9.8	0	1.4	0.1	12.0	0	4.5					27.8	343	13.0
Dec	0		9.1	0.2	0.8	2.9	18.8	0.9	2.7					35.3	406	19.5
Jan	0		3.9	0	1.9	0	11.0	9.6	1.2					27.6	465	14.5
Feb	0		21.3	3.2	3.6	5.4	11.5	10.0	0.8					55.8	411	31.2
Mar	0		22.5	5.5	1.6	12.4	2.1	2.1	0.3					46.4	398	25.1
Apr	0		24.2	4.7	3.0	13.1	0.1	0	0.2					45.3	379	23.4
May	0		52.5	6.1	5.6	20.6	3.5	0	1.5					89.8	319	38.9
Jun	0		61.6	10.0	6.5	25.0	8.5	8.3	2.4					122.3	291	48.4
Jul	0		60.9	10.1	6.3	32.1	18.6	0	2.0					130.0	241	42.6
Aug	0		53.4	8.6	5.8	23.8	13.9	0.5	2.7					108.7	328	48.5
Sep	0		8.9	2.9	1.9	7.7	74.0	0	4.5					99.9	412	55.9

Table A-1 Cont'd: WY2000 through 2010 San Joaquin River and Mendota Pool Deliveries from CVP (Grassland Subarea)

	Laguna WD (via CCID),TAF	San Luis WD (via CCID), TAF	Central California ID (CCID), TAF	Columbia Canal Co, TAF	Firebaugh Canal WD, TAF	San Luis Canal Co (SLCC), TAF	Grassland WD (via CCID & SLCC), TAF	Kesterson (USFWS) (via CCID), TAF	Los Banos WMA (CDFG) (via CCID), TAF	San Luis NWR (USFWS) (via SLCC), TAF	China Island Unit (CDFG), TAF	Salt Slough Unit (CDFG), TAF	Freitas Unit (USFWS) (via CCID), TAF	Total Deliveries, TAF	Average TDS at Check 21, mg/L	Monthly Salt Load, thousand tons
Multiplier	1.00	1.00	0.87	0.94	1.00	1.00	1.00	1.00	1.00	0.85	0.86	1.00	1.00	NA	NA	NA
Water Year 2002																
Oct	0		26.8	1.7	0.8	6.4	23.4	0	6.5					65.7	386	34.4
Nov	0		11.5	0	0.7	1.0	13.4	4.8	2.6					34.1	371	17.2
Dec	0		0.1	0	0	0	6.3	0.9	0.5					7.8	396	4.2
Jan	0		0.3	0	1.0	0	4.8	0	1.1					7.2	405	4.0
Feb	0		21.5	3.4	2.7	4.3	10.9	12.0	4.1					58.9	381	30.5
Mar	0		29.4	5.3	1.5	13.0	0	0.4	0.6					50.3	400	27.4
Apr	0		24.2	5.6	3.4	11.0	4.9	2.3	0.5					51.9	336	23.7
May	0		39.3	5.8	3.7	12.6	0	3.3	1.0					65.8	306	27.4
Jun	0		61.8	9.6	4.7	29.6	6.3	0	2.0					114.0	285	44.1
Jul	0		62.4	10.4	4.0	31.3	19.0	0	1.5					128.7	222	38.8
Aug	0		55.9	8.7	3.0	24.8	9.8	0.8	1.6					104.7	303	43.2
Sep	0		22.6	3.7	1.5	9.0	27.3	0	6.8					70.8	374	36.1

Table A-1 Cont'd: WY2000 through 20109 San Joaquin River and Mendota Pool Deliveries from CVP (Grassland Subarea)

	Laguna WD (via CCID),TAF	San Luis WD (via CCID), TAF	Central California ID (CCID), TAF	Columbia Canal Co, TAF	Firebaugh Canal WD, TAF	San Luis Canal Co (SLCC), TAF	Grassland WD (via CCID & SLCC), TAF	Kesterson (USFWS) (via CCID), TAF	Los Banos WMA (CDFG) (via CCID), TAF	San Luis NWR (USFWS) (via SLCC), TAF	China Island Unit (CDFG), TAF	Salt Slough Unit (CDFG), TAF	Freitas Unit (USFWS) (via CCID), TAF	Total Deliveries, TAF	Average TDS at Check 21, mg/L	Monthly Salt Load, thousand tons
Multiplier	1.00	1.00	0.87	0.94	1.00	1.00	1.00	1.00	1.00	0.85	0.86	1.00	1.00	NA	NA	NA
Water Year 2003																
Oct	0		19.7	1.9	0.8	2.0	100.0	8.6	11.0					144.1	387	75.8
Nov	0		5.8	0	0.7	0.9	21.5	6.0	5.4					40.3	367	20.1
Dec	0		0	0.2	0.3	0.4	22.6	5.7	2.0					31.3	414	17.6
Jan	0		0.2	0	0.2	0	9.3	4.7	4.1					18.6	401	10.1
Feb	0		31.6	3.4	0.2	4.1	12.0	1.2	2.5					55.1	362	27.1
Mar	0		27.1	5.3	1.3	13.7	6.0	1.2	1.6					56.2	379	29.0
Apr	0		18.2	5.1	2.4	8.4	5.1	2.7	0.5					42.5	317	18.3
May	0		31.3	5.5	2.5	13.1	16.9	0	1.5					70.8	313	30.1
Jun	0		65.3	8.3	3.5	27.5	6.9	2.4	2.2					116.1	203	32.1
Jul	0		76.7	9.9	4.0	29.0	4.2	5.5	2.7					132.1	172	30.9
Aug	0		77.8	8.8	10.1	26.3	17.2	0.3	3.1					143.7	236	46.2
Sep	0		24.5	4.7	2.0	11.2	73.7	0.9	8.7					125.7	242	41.4

Table A-1 Cont'd: WY2000 through 2010 San Joaquin River and Mendota Pool Deliveries from CVP (Grassland Subarea)

	Laguna WD (via CCID),TAF	San Luis WD (via CCID), TAF	Central California ID (CCID), TAF	Columbia Canal Co, TAF	Firebaugh Canal WD, TAF	San Luis Canal Co (SLCC), TAF	Grassland WD (via CCID & SLCC), TAF	Kesterson (USFWS) (via CCID), TAF	Los Banos WMA (CDFG) (via CCID), TAF	San Luis NWR (USFWS) (via SLCC), TAF	China Island Unit (CDFG), TAF	Salt Slough Unit (CDFG), TAF	Freitas Unit (USFWS) (via CCID), TAF	Total Deliveries, TAF	Average TDS at Check 21, mg/L	Monthly Salt Load, thousand tons
Multiplier	1.00	1.00	0.87	0.94	1.00	1.00	1.00	1.00	1.00	0.85	0.86	1.00	1.00	NA	NA	NA
Water Year 2004																
Oct	0		26.4	2.6	1.7	1.4	30.2	9.3	9.8					81.3	333	36.9
Nov	0		3.3	0	1.1	1.0	15.6	2.8	5.3					29.1	356	14.1
Dec	0		0.1	0	0	0	6.8	2.6	0.1					9.5	366	4.8
Jan	0		0	0	0.1	0	7.4	6.4	3.9					17.8	360	8.7
Feb	0		25.3	2.8	4.5	3.0	4.0	13.4	1.8					54.8	356	26.6
Mar	0		30.1	5.9	2.1	13.8	1.7	0	0.9					54.6	352	26.1
Apr	0		28.4	5.3	2.3	11.5	3.6	1.9	0.9					53.8	306	22.4
May	0		49.7	6.1	3.6	16.0	9.9	2.4	1.7					89.3	305	37.0
Jun	0		52.9	8.6	3.9	27.1	6.6	4.6	1.3					105.1	286	40.9
Jul	0		66.3	9.4	5.7	27.3	2.4	5.2	1.9					118.2	241	38.8
Aug	0		52.9	8.3	3.6	20.0	12.4	0	3.9					101.2	250	34.4
Sep	0		46.7	4.0	1.8	9.9	28.2	0	6.2					96.9	309	40.8

Table A-1 Cont'd: WY2000 through 2010 San Joaquin River and Mendota Pool Deliveries from CVP (Grassland Subarea)

	Laguna WD (via CCID),TAF	San Luis WD (via CCID), TAF	Central California ID (CCID), TAF	Columbia Canal Co, TAF	Firebaugh Canal WD, TAF	San Luis Canal Co (SLCC), TAF	Grassland WD (via CCID & SLCC), TAF	Kesterson (USFWS) (via CCID), TAF	Los Banos WMA (CDFG) (via CCID), TAF	San Luis NWR (USFWS) (via SLCC), TAF	China Island Unit (CDFG), TAF	Salt Slough Unit (CDFG), TAF	Freitas Unit (USFWS) (via CCID), TAF	Total Deliveries, TAF	Average TDS at Check 21, mg/L	Monthly Salt Load, thousand tons
Multiplier	1.00	1.00	0.87	0.94	1.00	1.00	1.00	1.00	1.00	0.85	0.86	1.00	1.00	NA	NA	NA
Water Year 2005																
Oct	0		53.2	1.8	0.9	11.1	31.5	2.8	5.9					107.2	348	50.7
Nov	0.7		17.0	0	0.8	7.8	10.8	3.0	6.4					46.5	350	22.1
Dec	0		0	0	0	0	0	0	0					0	471	0
Jan	0		0	0	0	0	6.2	0.4	0.8	2.8	0.3	0.8	0.6	11.9	399	6.4
Feb	0		12.4	1.6	2.3	0	3.1	0.5	1.4	9.1	0.5	0.8	0.6	32.4	379	16.7
Mar	0		21.8	7.5	1.2	5.3	1.6	0.1	0.5	0	0.1	0.3	0.1	38.6	308	16.1
Apr	0		19.4	4.7	2.3	8.0	1.4	0.1	0.2	0	0.1	0.2	0.2	36.4	297	14.7
May	0		34.8	3.5	3.6	10.8	3.8	0.3	1.0	0	0.3	1.1	0.6	59.8	338	27.5
Jun	0		65.1	6.8	6.0	24.5	2.5	0	0.5	3.1	0.1	0.3	0.2	109.2	182	27.0
Jul	0		80.9	8.1	5.9	31.0	0.9	0	0.2	3.0	0.2	0.3	0.2	130.7	216	38.4
Aug	0		71.8	8.7	5.1	27.7	2.6	0	0.7	0.6	0.1	0.3	0.1	117.7	242	38.8
Sep	0		32.7	5.3	2.5	12.5	18.7	0	3.7	2.1	0.9	1.5	0.9	80.8	270	29.6

Table A-1 Cont'd: WY2000 through 2010 San Joaquin River and Mendota Pool Deliveries from CVP (Grassland Subarea)

	Laguna WD (via CCID),TAF	San Luis WD (via CCID), TAF	Central California ID (CCID), TAF	Columbia Canal Co, TAF	Firebaugh Canal WD, TAF	San Luis Canal Co (SLCC), TAF	Grassland WD (via CCID & SLCC), TAF	Kesterson (USFWS) (via CCID), TAF	Los Banos WMA (CDFG) (via CCID), TAF	San Luis NWR (USFWS) (via SLCC), TAF	China Island Unit (CDFG), TAF	Salt Slough Unit (CDFG), TAF	Freitas Unit (USFWS) (via CCID), TAF	Total Deliveries, TAF	Average TDS at Check 21, mg/L	Monthly Salt Load, thousand tons
Multiplier	1.00	1.00	0.87	0.94	1.00	1.00	1.00	1.00	1.00	0.85	0.86	1.00	1.00	NA	NA	NA
Water Year 2006																
Oct	0		18.3	3.0	0.6	2.1	22.5	0	4.7	6.2	0.9	1.2	1.5	60.8	247	20.4
Nov	0		17.4	0.1	2.4	6.5	3.7	0	3.3	3.2	0.1	0.4	0.3	37.4	336	17.1
Dec	0		0	0	0	1.8	0.3	0	0.7	0	0	0	0	2.8	352	1.3
Jan	0		0.2	0	0.8	0	3.1	0.3	0.7	2.0	0.1	0.3	0.2	7.7	337	3.5
Feb	0		30.6	3.4	4.4	7.6	10.6	0.5	2.3	8.4	0.4	0.6	0.4	69.0	319	29.9
Mar	0		13.5	4.2	0.8	6.6	1.0	0.9	0.9	0	0.5	1.1	0.9	30.5	320	13.2
Apr	0		3.9	0.6	0.9	1.6	0.9	0.3	0.2	0	0.1	0.6	0.6	9.5	396	5.1
May	0		41.5	3.7	4.9	14.5	9.4	0.3	0.2	0	0.2	0.9	0.2	75.8	438	45.1
Jun	0		58.2	4.1	6.6	24.6	3.7	0	0.1	2.1	0	0.2	0.1	99.7	345	46.7
Jul	0		89.1	7.1	6.6	33.2	2.2	0.1	0.1	0.8	0.1	0.4	0	139.8	216	41.1
Aug	0		76.0	7.2	5.8	25.8	4.1	0	0.8	0	0.2	0.3	0	120.2	223	36.4
Sep	0		39.1	3.4	2.9	10.9	16.6	1.7	2.8	2.1	0.8	1.2	0.6	82.0	217	24.2

Table A-1 Cont'd: WY2000 through 2010 San Joaquin River and Mendota Pool Deliveries from CVP (Grassland Subarea)

	Laguna WD (via CCID),TAF	San Luis WD (via CCID), TAF	Central California ID (CCID), TAF	Columbia Canal Co, TAF	Firebaugh Canal WD, TAF	San Luis Canal Co (SLCC), TAF	Grassland WD (via CCID & SLCC), TAF	Kesterson (USFWS) (via CCID), TAF	Los Banos WMA (CDFG) (via CCID), TAF	San Luis NWR (USFWS) (via SLCC), TAF	China Island Unit (CDFG), TAF	Salt Slough Unit (CDFG), TAF	Freitas Unit (USFWS) (via CCID), TAF	Total Deliveries, TAF	Average TDS at Check 21, mg/L	Monthly Salt Load, thousand tons
Multiplier	1.00	1.00	0.87	0.94	1.00	1.00	1.00	1.00	1.00	0.85	0.86	1.00	1.00	NA	NA	NA
Water Year 2007																
Oct	0	0	26.4	3.9	0.5	6.1	26.1	1.4	4.0	4.6	1.7	1.2	0	75.8	211	21.8
Nov	0	0	11.6	1.0	0.5	3.9	6.2	0	4.0	3.5	1.3	1.5	1.2	34.5	251	11.8
Dec	0	0	10.9	0	0	4.4	2.8	0	1.9	0	0.6	0.9	0.9	22.4	331	10.1
Jan	0	0.1	5.5	0.1	2.6	0	8.9	0	4.1	8.4	0.8	0.9	1.3	32.6	399	17.7
Feb	0	0	30.2	3.5	6.3	7.5	0	0	1.2	7.5	0.3	0.1	0.4	56.9	386	29.9
Mar	0	0.1	18.4	5.2	1.4	7.8	1.9	0.3	0.6	0.5	0.2	0.2	0.1	36.7	344	17.1
Apr	0	0.1	18.4	4.6	4.8	11.3	0.4	0.1	0.1	0	0.2	0.2	0.1	40.3	315	17.3
May	0	0	43.3	6.6	6.4	19.5	1.3	0.1	0.1	0	0.1	0.1	0.2	77.6	299	31.5
Jun	0	0	52.2	7.8	7.1	26.0	0.3	0.1	0.1	2.1	0.2	0.2	0.1	96.4	308	40.3
Jul	0	0	62.8	9.2	7.8	28.5	0	0.1	0.2	0.3	0.2	0.2	0.2	109.4	232	34.6
Aug	0	0.1	42.9	6.4	5.9	20.2	0.7	0.2	0.9	1.9	0.2	0.2	0.2	79.5	304	32.8
Sep	0	0	14.8	3.7	1.4	7.7	22.0	0	3.0	2.2	1.1	1.2	0.7	57.8	364	28.6

Table A-1 Cont'd: WY2000 through 2010 San Joaquin River and Mendota Pool Deliveries from CVP (Grassland Subarea)

	Laguna WD (via CCID),TAF	San Luis WD (via CCID), TAF	Central California ID (CCID), TAF	Columbia Canal Co, TAF	Firebaugh Canal WD, TAF	San Luis Canal Co (SLCC), TAF	Grassland WD (via CCID & SLCC), TAF	Kesterson (USFWS) (via CCID), TAF	Los Banos WMA (CDFG) (via CCID), TAF	San Luis NWR (USFWS) (via SLCC), TAF	China Island Unit (CDFG), TAF	Salt Slough Unit (CDFG), TAF	Freitas Unit (USFWS) (via CCID), TAF	Total Deliveries, TAF	Average TDS at Check 21, mg/L	Monthly Salt Load, thousand tons
Multiplier	1.00	1.00	0.87	0.94	1.00	1.00	1.00	1.00	1.00	0.85	0.86	1.00	1.00	NA	NA	NA
Water Year 2008																
Oct	0	0	23.0	4.8	1.4	4.1	12.1	0	4.3	3.7	0.7	1.4	1.9	57.4	329	25.7
Nov	0	0	1.0	0	0	0.5	5.4	0	3.3	4.3	0.4	1.2	1.1	17.3	345	8.1
Dec	0	0	1.7	0	0	0	3.2	0	3.0	3.2	0.8	1.1	1.0	13.9	375	7.1
Jan	0	0	0	0	0.4	0	4.9	0	1.8	3.1	0.6	0.8	1.1	12.7	451	7.8
Feb	0	0.1	15.1	1.5	4.0	3.9	4.3	0.7	0.9	7.9	0.7	0.6	1.1	40.8	384	21.3
Mar	0	0	38.7	4.7	3.9	11.4	0.5	0.2	0.3	1.5	0.1	0.2	0.3	61.7	415	34.9
Apr	0	0	23.9	5.0	5.6	14.4	0.3	0.1	0.2	0	0.1	0.1	0.2	50.0	361	24.6
May	0	0.1	47.0	6.3	5.2	14.1	3.4	0.1	0.3	2.4	0.1	0.2	0.2	79.3	352	38.0
Jun	0	0	42.4	7.5	6.2	24.9	0.9	0	0.1	0	0.1	0.1	0.1	82.3	362	40.5
Jul	0	0	55.9	8.2	5.4	27.5	0.1	0	0.1	0	0.2	0.1	0	97.7	271	36.1
Aug	0	0	44.6	8.3	5.5	24.2	0.4	0	0.5	0	0.1	0.2	0	83.9	336	38.3
Sep	0	0	25.7	6.1	3.3	6.1	19.8	0	3.2	4.9	0.9	1.4	1.0	72.2	393	38.6

Table A-1 Cont'd: WY2000 through 2010 San Joaquin River and Mendota Pool Deliveries from CVP (Grassland Subarea)

	Laguna WD (via CCID),TAF	San Luis WD (via CCID), TAF	Central California ID (CCID), TAF	Columbia Canal Co, TAF	Firebaugh Canal WD, TAF	San Luis Canal Co (SLCC), TAF	Grassland WD (via CCID & SLCC), TAF	Kesterson (USFWS) (via CCID), TAF	Los Banos WMA (CDFG) (via CCID), TAF	San Luis NWR (USFWS) (via SLCC), TAF	China Island Unit (CDFG), TAF	Salt Slough Unit (CDFG), TAF	Freitas Unit (USFWS) (via CCID), TAF	Total Deliveries, TAF	Average TDS at Check 21, mg/L	Monthly Salt Load, thousand tons
Multiplier	1.00	1.00	0.87	0.94	1.00	1.00	1.00	1.00	1.00	0.85	0.86	1.00	1.00	NA	NA	NA
Water Year 2009																
Oct	0	0	25.9	3.3	2.1	2.0	9.6	0	4.6	3.5	0.8	1.6	1.9	55.2	330	24.8
Nov	0	0	1.6	0	1.7	2.8	10.2	1.2	2.4	2.5	0.9	1.2	1.4	25.8	320	19.8
Dec	0	0	0	0	0.9	0	0	0	0	0	0	0	0	0.9	504	0
Jan	0	0	0	0	0	0	0.4	0.9	1.8	1.5	0.1	0.8	0.8	6.3	571	6.3
Feb	0	0	9.5	0	1.2	0	2.4	0.2	1.0	10.4	0.6	0.7	1.2	27.1	557	16.5
Mar	0	0	26.7	4.5	3.8	9.0	0	0.2	0.1	1.5	0.1	0.1	0.2	46.3	449	2.2
Apr	0	0	20.1	6.5	4.8	16.0	0.7	0.1	0.1	0.3	0.1	0.1	0.1	48.8	381	1.5
May	0	0	42.5	7.2	6.0	15.6	1.3	0.2	0.1	3.3	0.1	0.1	0.2	76.6	366	5.3
Jun	0	0.1	49.9	7.0	4.7	23.0	1.1	0.1	0.2	2.2	0	0.1	0.1	88.6	376	3.9
Jul	0	0	59.0	8.5	4.1	28.7	0.2	0	0.2	2.1	0.2	0.1	0	103.2	223	2.8
Aug	0	0	46.5	7.3	4.4	24.7	0.4	0.1	0.8	0	0.2	0.3	0	84.7	308	1.8
Sep	0	0	35.2	6.7	3.1	8.8	24.3	0	2.5	4.8	0.4	0.6	0.3	86.7	361	33.0

Table A-1 Cont'd: WY2000 through 2010 San Joaquin River and Mendota Pool Deliveries from CVP (Grassland Subarea)

	Laguna WD (via CCID),TAF	San Luis WD (via CCID), TAF	Central California ID (CCID), TAF	Columbia Canal Co, TAF	Firebaugh Canal WD, TAF	San Luis Canal Co (SLCC), TAF	Grassland WD (via CCID & SLCC), TAF	Kesterson (USFWS) (via CCID), TAF	Los Banos WMA (CDFG) (via CCID), TAF	San Luis NWR (USFWS) (via SLCC), TAF	China Island Unit (CDFG), TAF	Salt Slough Unit (CDFG), TAF	Freitas Unit (USFWS) (via CCID), TAF	Total Deliveries, TAF	Average TDS at Check 21, mg/L	Monthly Salt Load, thousand tons
Multiplier	1.00	1.00	0.87	0.94	1.00	1.00	1.00	1.00	1.00	0.85	0.86	1.00	1.00	NA	NA	NA
Water Year 2010																
Oct	0	0	7.8	6.1	1.9	3.2	34.5	0	4.9	2.5	0.6	1.2	1.8	64.6	357	31.3
Nov	0	0	4.6	0	1.6	2.3	5.5	0.7	2.6	4.1	0.3	0.9	0.6	23.2	349	11.0
Dec	0	0	0	0	0	0	0	0	0	0	0	0	0	0	398	0
Jan	0	0	0	0	0	0	0.1	0	0.8	1.0	0	0	0	1.9	505	1.3
Feb	0	0	4.5	0	2.2	0	11.8	0.4	1.7	8.7	0.7	0.9	1.5	32.5	498	20.2
Mar	0	0	19.7	4.0	2.1	9.0	0	0.2	0.5	0	0.1	0.2	0.3	36.2	398	19.6
Apr	0	0	8.7	3.5	1.5	7.2	2.9	0.4	0.2	0	0.4	0.6	0.6	26.0	453	16.0
May	0	0	49.3	6.6	5.3	18.6	1.7	0	1.0	0	0.1	0.2	0.3	83.1	315	32.6
Jun	0	0	65.1	8.3	5.5	24.0	1.9	0.1	2.3	3.7	0.1	0.2	0.2	111.5	221	33.5
Jul																
Aug																
Sep																

Table A-2: WY 2000-2010 Delta- Mendota Canal Deliveries from CVP (Grassland Subarea)

	Del Puerto WD,TAF	Eagle Field WD, TAF	Mercy Springs WD, TAF	Oro Loma WD, TAF	Panoche WD - Ag, TAF	Panoche WD - M&I, TAF	San Luis WD - Ag, TAF	San Luis WD - M&I, TAF	Central California ID (Abv C, TAF	Central California ID (Blw C, TAF	Firebaugh Canal WD, TAF	Total Deliveries, TAF	Average EC at Check 13, µS/cm	Monthly Salt Load, thousand tons
Multiplier	0.21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.87	0.87	1.00	NA	NA	NA
Water Year 2000														
Oct														
Nov														
Dec														
Jan	0.2	0	0	0	0	0	0.1	0	0.4	6.0	0.3	7.0	464	2.9
Feb	0	0.3	0.1	0.1	0	0	0.6	0	0	0.2	0.7	2.1	489	0.9
Mar	0.3	0.1	0	0	0.1	0	0.7	0	0.7	0.4	0	2.3	330	0.6
Apr	1.8	0.3	0.2	0.4	0.3	0	1.0	0	1.4	2.5	0	8.0	384	2.6
May	2.4	0.5	0.4	0.8	0.7	0	1.1	0	1.9	13.8	0.7	22.5	425	8.0
Jun	3.0	0.9	0.6	0.8	1.4	0	2.4	0	1.8	13.3	5.5	29.7	369	9.2
Jul	3.4	0.9	0.6	1.0	1.3	0	2.4	0	2.1	15.6	7.3	34.8	304	8.9
Aug	2.6	0.4	0.3	0.9	1.1	0	1.8	0	2.0	12.4	5.7	27.1	302	6.9
Sep	1.1	0	0.1	0	0.3	0	0.3	0	1.5	0	0	3.5	358	1.0

Table A-2 Cont'd: WY 2000-2010 Delta- Mendota Canal Deliveries from CVP (Grassland Subarea)

	China Island Unit (CDFG) (76.05),TAF	Frietas Unit (USFWS) (76.05L), TAF	Salt Slough Unit (CDFG) (76, TAF	Los Banos WMA (CDFG) (76.05), TAF	Volta WMA (CDFG), TAF	Grassland WD (76.05L & CCID), TAF	Grassland WD (Volta Wasteway), TAF	Kesterson Unit (USFWS) (Volta Wasteway), TAF	Kesterson Unit (USFWS) (76.0), TAF	Total Deliveries, TAF	Average EC at Check 13, µS/cm	Monthly Salt Load, thousand tons
Multiplier	0.86	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	NA	NA	NA
Water Year 2000												
Oct												
Nov												
Dec												
Jan	0	1.2	1.1	1.1	0	2.3	0.7	0.8	0	7.3	464	3.0
Feb	0	0.5	1.0	0.5	0.2	0.1	0	0	0.5	2.8	489	1.2
Mar	0	0.4	0.7	0.4	0	0	0	0	0.1	1.6	330	0.4
Apr	0	0	0	0	0	0	0	0	0	0	384	0
May	0	0.5	0.4	0.7	0	0	5.5	1.0	0	8.1	425	2.9
Jun	0	0	0	0.2	0	4.5	0	0	0	4.6	369	1.4
Jul	0	0.8	0.8	0.8	0	5.2	0	0	0.4	8.1	304	2.1
Aug	0	0	0	0.3	1.0	8.9	0	0	0	10.2	302	2.6
Sep	0	0.9	1.5	1.4	1.6	19.3	14.9	1.0	0	40.6	358	12.3

Table A-2 Cont'd: WY 2000-2010 Delta- Mendota Canal Deliveries from CVP (Grassland Subarea)

	Del Puerto WD,TAF	Eagle Field WD, TAF	Mercy Springs WD, TAF	Oro Loma WD, TAF	Panoche WD - Ag, TAF	Panoche WD - M&I, TAF	San Luis WD - Ag, TAF	San Luis WD - M&I, TAF	Central California ID (Abv C, TAF	Central California ID (Blw C, TAF	Firebaugh Canal WD, TAF	Total Deliveries, TAF	Average EC at Check 13, µS/cm	Monthly Salt Load, thousand tons
Multiplier	0.21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.87	0.87	1.00	NA	NA	NA
Water Year 2001														
Oct	0.1	0	0	0	0	0	0.1	0	0.6	0	0	0.8	457	0.3
Nov	0	0	0	0	0	0	0	0	0	0	0	0.1	524	0
Dec	0.1	0	0	0	0	0	0.1	0	0	0.1	0.6	0.9	619	0.5
Jan	0.1	0	0	0	0.2	0	0.3	0	0	0	1.0	1.6	705	0.9
Feb	0.1	0.2	0.1	0.1	0.4	0	1.1	0	0	0.8	1.5	4.3	591	2.1
Mar	0.5	0	0	0	0.2	0	0.3	0	0.5	1.3	0.5	3.2	587	1.6
Apr	1.4	0	0.3	0.2	0.1	0	0.7	0	1.3	6.3	0.2	10.5	512	4.5
May	2.8	0.1	0.6	0.3	0.5	0	1.2	0	2.1	16.0	1.7	25.3	456	9.7
Jun	2.6	0.2	0.5	0.4	1.1	0	1.7	0	1.8	15.8	6.0	30.2	416	10.6
Jul	3.0	0.3	0.6	0.5	1.0	0	2.3	0	2.2	10.6	7.3	27.7	349	8.2
Aug	2.2	0.1	0.5	0.2	1.2	0	1.3	0	2.5	9.9	6.1	24.1	476	9.7
Sep	1.1	0	0.1	0	0.4	0	0.4	0	1.2	0.3	0	3.4	603	1.7

Table A-2 Cont'd: WY 2000-2010 Delta- Mendota Canal Deliveries from CVP (Grassland Subarea)

	China Island Unit (CDFG) (76.05),TAF	Frietas Unit (USFWS) (76.05L), TAF	Salt Slough Unit (CDFG) (76, TAF	Los Banos WMA (CDFG) (76.05), TAF	Volta WMA (CDFG), TAF	Grassland WD (76.05L & CCID), TAF	Grassland WD (Volta Wasteway), TAF	Kesterson Unit (USFWS) (Volta Wasteway), TAF	Kesterson Unit (USFWS) (76.0), TAF	Total Deliveries, TAF	Average EC at Check 13, µS/cm	Monthly Salt Load, thousand tons
Multiplier	0.86	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	NA	NA	NA
Water Year 2001												
Oct	0	1.4	1.4	1.5	1.3	0.1	6.2	1.2	0	13.1	457	5.1
Nov	0	0	0.8	0.6	0.5	0	1.0	0.4	0	3.4	524	1.5
Dec	0	0	0	0.1	0.4	0	0.4	0	0	0.9	619	0.5
Jan	0	0	0	0	0	0	0	0	0	0.1	705	0
Feb	0	0	0	0.5	0	0	0	0	0	0.5	591	0.3
Mar	0	0.5	0.7	0.7	0	0.1	0	0	0.8	2.8	587	1.4
Apr	0	0	0	0	0.3	0	0.9	0	0	1.2	512	0.5
May	0	0.4	0	1.1	0.2	2.7	4.0	0.6	0	9.1	456	3.5
Jun	0	0.4	0	0	0.3	6.0	0.4	0	0.4	7.5	416	2.6
Jul	0	0	0	1.2	0	13.2	0.1	0	0	14.5	349	4.3
Aug	0	0	0	0	1.0	10.6	1.3	0	0	12.9	476	5.2
Sep	0	0	0.2	1.5	1.5	17.3	15.0	0.8	0	36.3	603	18.5

Table A-2 Cont'd: WY 2000-2010 Delta- Mendota Canal Deliveries from CVP (Grassland Subarea)

	Del Puerto WD,TAF	Eagle Field WD, TAF	Mercy Springs WD, TAF	Oro Loma WD, TAF	Panoche WD - Ag, TAF	Panoche WD - M&I, TAF	San Luis WD - Ag, TAF	San Luis WD - M&I, TAF	Central California ID (Abv C, TAF	Central California ID (Blw C, TAF	Firebaugh Canal WD, TAF	Total Deliveries, TAF	Average EC at Check 13, µS/cm	Monthly Salt Load, thousand tons
Multiplier	0.21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.87	0.87	1.00	NA	NA	NA
Water Year 2002														
Oct	0.7	0	0.1	0	0.2	0	0.2	0	0.7	8.1	0.7	10.9	592	5.4
Nov	0.2	0	0.1	0	0	0	0	0	0	3.6	0.8	4.8	557	2.2
Dec	0	0	0	0	0	0	0.8	1.1	0	0.4	0.2	2.7	603	1.3
Jan	0	0	0	0	0.1	0	0.4	0	0.1	0.3	0.2	0.9	527	0.4
Feb	0.4	0.5	0.1	0.1	0.3	0	1.1	0	0.6	1.0	2.1	6.2	577	3.0
Mar	0.7	0	0.1	0	0.3	0	0.5	0	1.2	6.8	1.7	11.4	585	5.6
Apr	2.1	0	0.1	0	0.4	0	0.9	0	1.4	5.9	1.4	12.1	486	4.9
May	2.1	0.2	0.1	0	0.6	0	1.0	0	2.0	19.4	1.7	27.2	459	10.5
Jun	3.3	0.2	0.2	0.1	1.3	0	2.0	0	2.2	15.2	8.3	32.9	402	11.1
Jul	3.4	0.3	0.2	0.2	1.7	0	2.2	0	2.0	16.8	10.3	37.3	317	10.0
Aug	2.4	0.2	0.2	0.1	1.0	0	1.3	0	2.1	16.8	7.2	31.4	442	11.7
Sep	1.3	0	0	0	0.2	0	0.4	0	1.2	0.1	0.2	3.4	561	1.6

Table A-2 Cont'd: WY 2000-2010 Delta- Mendota Canal Deliveries from CVP (Grassland Subarea)

	China Island Unit (CDFG) (76.05),TAF	Frietas Unit (USFWS) (76.05L), TAF	Salt Slough Unit (CDFG) (76, TAF	Los Banos WMA (CDFG) (76.05), TAF	Volta WMA (CDFG), TAF	Grassland WD (76.05L & CCID), TAF	Grassland WD (Volta Wasteway), TAF	Kesterson Unit (USFWS) (Volta Wasteway), TAF	Kesterson Unit (USFWS) (76.0), TAF	Total Deliveries, TAF	Average EC at Check 13, µS/cm	Monthly Salt Load, thousand tons
Multiplier	0.86	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	NA	NA	NA
Water Year 2002												
Oct	0	0	0	0	0.9	0	7.8	0.7	0	9.3	592	4.7
Nov	0	0	0	0	0.1	0	1.8	0.8	0	2.6	557	1.2
Dec	0.7	2.3	0	0.7	0	5.4	0.5	0	0.8	10.5	603	5.3
Jan	0	0	0	0	0	4.8	0.4	0	0	5.2	527	2.3
Feb	0	0	0	0	0.1	7.4	0.4	0	0	7.9	577	3.9
Mar	0.4	0.7	0.5	1.1	0	0	0	0	0	2.8	585	1.4
Apr	0.3	0.8	0.9	0.3	0.5	1.5	1.8	0	0.5	6.8	486	2.8
May	0	0.4	0.9	0.8	0.1	0	1.2	0.7	0	4.0	459	1.5
Jun	0.9	0.4	1.2	1.1	0.5	2.9	2.1	0.2	0	9.2	402	3.1
Jul	0.6	0.3	1.0	1.0	0.5	6.4	0.9	0.2	0	10.7	317	2.9
Aug	0.3	0	0.8	1.0	0.8	4.0	2.0	0.2	0	9.1	442	3.4
Sep	0	0	0	0	1.6	15.9	6.3	0.7	0	24.6	561	11.7

Table A-2 Cont'd: WY 2000-2010 Delta- Mendota Canal Deliveries from CVP (Grassland Subarea)

	Del Puerto WD,TAF	Eagle Field WD, TAF	Mercy Springs WD, TAF	Oro Loma WD, TAF	Panoche WD - Ag, TAF	Panoche WD - M&I, TAF	San Luis WD - Ag, TAF	San Luis WD - M&I, TAF	Central California ID (Abv C, TAF	Central California ID (Blw C, TAF	Firebaugh Canal WD, TAF	Total Deliveries, TAF	Average EC at Check 13, µS/cm	Monthly Salt Load, thousand tons
Multiplier	0.21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.87	0.87	1.00	NA	NA	NA
Water Year 2003														
Oct	1.1	0	0.3	0	0.1	0	0.3	0	0.6	0	0	2.5	576	1.2
Nov	0.2	0	0	0	0	0	0.1	0	0	2.2	0.4	2.9	556	1.4
Dec	0	0	0	0	0	0	0.2	0	0.1	0.1	0.4	0.8	614	0.4
Jan	0	0.1	0	0	0.4	0	0	0	0.2	0	2.2	3.0	562	1.4
Feb	0.4	0.4	0.2	0.3	0.7	0	1.8	0	0.1	1.2	5.8	10.8	526	4.8
Mar	0.8	0.1	0.1	0	0.4	0	0.8	0	1.0	3.8	1.2	8.1	550	3.8
Apr	1.7	0.1	0.2	0	0.2	0	0.8	0	0.6	0.6	0.5	4.7	457	1.8
May	2.4	0	0.1	0	0.3	0	0.8	0	1.9	8.6	0.9	15.1	450	5.7
Jun	3.2	0.5	0.3	0.3	1.2	0	2.1	0	1.8	12.0	6.8	28.3	304	7.3
Jul	4.0	0.7	0.4	0.3	1.6	0	2.8	0	2.1	20.6	9.5	42.0	244	8.7
Aug	2.6	0.5	0.3	0.3	1.0	0	1.7	0	1.8	8.8	6.4	23.4	276	5.4
Sep	1.7	0.2	0.1	0	0.3	0	0.7	0	1.7	0.1	0.5	5.4	351	1.6

Table A-2 Cont'd: WY 2000-2010 Delta- Mendota Canal Deliveries from CVP (Grassland Subarea)

	China Island Unit (CDFG) ((76.05),TAF	Frietas Unit (USFWS) (76.05L), TAF	Salt Slough Unit (CDFG) (76, TAF	Los Banos WMA (CDFG) (76.05), TAF	Volta WMA (CDFG), TAF	Grassland WD (76.05L & CCID), TAF	Grassland WD (Volta Wasteway), TAF	Kesterson Unit (USFWS) (Volta Wasteway), TAF	Kesterson Unit (USFWS) (76.0), TAF	Total Deliveries, TAF	Average EC at Check 13, µS/cm	Monthly Salt Load, thousand tons
Multiplier	0.86	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	NA	NA	NA
Water Year 2003												
Oct	0	0.1	0	0	1.9	12.0	13.1	1.3	0	28.3	576	13.8
Nov	0	0	0	0	0.3	0	1.4	0.7	0	2.4	556	1.1
Dec	0	0	0	0	0	2.7	0.9	0	0	3.6	614	1.9
Jan	0	0	0	0	0.1	5.9	1.3	0	0	7.2	562	3.4
Feb	0.9	1.1	0.9	1.1	0	3.4	1.3	0	0.7	9.3	526	4.1
Mar	0.7	1.3	1.0	1.2	0.1	1.1	1.1	0	0.8	7.3	550	3.4
Apr	0.4	0.8	0.7	0.5	0.2	0.7	0	0	0.5	3.9	457	1.5
May	0.3	0.8	1.0	1.0	0.3	7.6	1.4	0	0.8	13.3	450	5.0
Jun	0	0	0	0.4	0.2	6.2	0.3	0	0	7.1	304	1.8
Jul	0.6	0.9	1.2	0	0.1	2.7	0.5	0	0	6.1	244	1.2
Aug	0	0	0	0	0.6	13.8	0	0	0	14.4	276	3.3
Sep	0	0	0	0	2.2	19.9	10.4	0	0	33.2	351	9.8

Table A-2 Cont'd: WY 2000-2010 Delta- Mendota Canal Deliveries from CVP (Grassland Subarea)

	Del Puerto WD,TAF	Eagle Field WD, TAF	Mercy Springs WD, TAF	Oro Loma WD, TAF	Panoche WD - Ag, TAF	Panoche WD - M&I, TAF	San Luis WD - Ag, TAF	San Luis WD - M&I, TAF	Central California ID (Abv C, TAF	Central California ID (Blw C, TAF	Firebaugh Canal WD, TAF	Total Deliveries, TAF	Average EC at Check 13, µS/cm	Monthly Salt Load, thousand tons
Multiplier	0.21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.87	0.87	1.00	NA	NA	NA
Water Year 2004														
Oct	0.9	0	0.1	0	0.2	0	0.4	0	0.7	0.1	0	2.4	504	1.0
Nov	0.1	0.1	0	0	0.1	0	0.1	0	0.3	0.1	0	1.5	532	0.7
Dec	0	0	0	0	0.1	0	0.1	0	0	0	0.8	0.6	617	0.3
Jan	0	0.2	0	0	0.3	0	0.3	0	0.3	1.6	0	2.9	535	1.3
Feb	0.1	0.4	0.1	0.5	0.5	0	1.2	0	0.4	0.5	0.1	5.7	546	2.6
Mar	1.0	0.1	0	0	0.1	0	0.6	0	1.6	5.8	0.3	10.0	510	4.3
Apr	2.5	0.2	0.2	0.1	0.3	0	0.5	0	1.6	3.9	0.4	11.2	416	3.9
May	3.1	0.5	0.2	0.4	0.6	0	1.6	0	1.8	13.3	0	25.0	443	9.3
Jun	3.3	0.6	0.3	0.4	1.1	0	2.5	0	1.6	15.4	0	33.5	404	11.4
Jul	3.8	0.6	0.4	0.6	0.9	0	2.5	0	1.6	22.7	0.5	41.5	344	12.0
Aug	2.6	0.6	0.3	0.3	0.8	0	1.5	0	1.5	9.7	0.4	23.0	356	6.9
Sep	1.5	0.2	0	0	0.1	0	0.3	0	1.1	0.1	0	3.5	461	1.3

Table A-2 Cont'd: WY 2000-2010 Delta- Mendota Canal Deliveries from CVP (Grassland Subarea)

	China Island Unit (CDFG) (76.05),TAF	Frietas Unit (USFWS) (76.05L), TAF	Salt Slough Unit (CDFG) (76, TAF	Los Banos WMA (CDFG) (76.05), TAF	Volta WMA (CDFG), TAF	Grassland WD (76.05L & CCID), TAF	Grassland WD (Volta Wasteway), TAF	Kesterson Unit (USFWS) (Volta Wasteway), TAF	Kesterson Unit (USFWS) (76.0), TAF	Total Deliveries, TAF	Average EC at Check 13, µS/cm	Monthly Salt Load, thousand tons
Multiplier	0.86	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	NA	NA	NA
Water Year 2004												
Oct	0	0	0	0	1.6	7.0	10.1	1.3	0	20.1	504	8.5
Nov	0	0	0	0	0.5	7.1	2.6	1.0	0	11.3	532	5.1
Dec	0.8	1.2	1.2	0.9	0.1	6.8	0.3	0	1.2	12.3	617	6.4
Jan	0	0	1.0	1.0	0	6.6	0.2	0	0	8.9	535	4.0
Feb	0.1	0.6	0	0	0.2	3.6	0.6	0.6	0	5.7	546	2.6
Mar	0.3	0	0.7	0.9	0	1.7	0	0	0	3.6	510	1.5
Apr	0.4	0	0.3	0.6	0.2	3.4	2.2	0.5	0	7.6	416	2.7
May	0	0	0	0.6	0.2	8.4	4.2	0.5	0	13.8	443	5.2
Jun	0	0	0.7	0.9	0.3	5.0	1.7	0	0	8.5	404	2.9
Jul	0.5	0	0.7	0.5	0.2	1.4	1.4	0	0	4.7	344	1.4
Aug	0.4	0	0	0	2.2	9.8	2.7	0.3	0	15.4	356	4.6
Sep	0	0	0	0	2.6	11.1	9.2	0.9	0	23.7	461	9.2

Table A-2 Cont'd: WY 2000-2010 Delta- Mendota Canal Deliveries from CVP (Grassland Subarea)

	Del Puerto WD,TAF	Eagle Field WD, TAF	Mercy Springs WD, TAF	Oro Loma WD, TAF	Panoche WD - Ag, TAF	Panoche WD - M&I, TAF	San Luis WD - Ag, TAF	San Luis WD - M&I, TAF	Central California ID (Abv C, TAF	Central California ID (Blw C, TAF	Firebaugh Canal WD, TAF	Total Deliveries, TAF	Average EC at Check 13, µS/cm	Monthly Salt Load, thousand tons
Multiplier	0.21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.87	0.87	1.00	NA	NA	NA
Water Year 2005														
Oct	0.6	0	0.1	0	0	0	0.1	0	0.5	0.1	0	1.6	518	0.7
Nov	0	0	0	0	0.1	0	0	0	0.1	0	0	0.3	524	0.1
Dec	0	0	0	0	0	0	0.1	0	0.3	0.2	0	0.7	628	0.4
Jan	0	0	0	0	0.1	0	0.2	0	0.4	0	0	0.7	538	0.3
Feb	0	0.1	0	0	0.3	0	0.6	0	0	0.4	1.3	2.7	564	1.3
Mar	0.2	0	0	0	0.1	0	0.8	0	0.2	0.8	0	2.1	554	1.0
Apr	1.4	0.2	0	0	0.4	0	0.7	0	0.8	0.3	0.3	4.1	342	1.2
May	2.2	0.1	0	0	0.7	0	0.6	0	1.4	0.6	0.1	5.8	282	1.4
Jun	2.7	0.5	0.1	0	1.2	0	2.2	0	1.4	7.8	4.6	20.6	211	3.7
Jul	4.1	0.7	0.1	0.1	1.5	0	2.9	0	1.9	18.7	7.2	37.2	283	8.9
Aug	3.1	0.7	0	0	0.8	0	2.0	0	2.5	14.1	7.2	30.5	342	8.8
Sep	1.8	0	0.3	0	0.1	0	0.6	0	1.7	0.2	0.3	5.0	416	1.8

Table A-2 Cont'd: WY 2000-2010 Delta- Mendota Canal Deliveries from CVP (Grassland Subarea)

	China Island Unit (CDFG) (76.05),TAF	Frietas Unit (USFWS) (76.05L), TAF	Salt Slough Unit (CDFG) (76, TAF	Los Banos WMA (CDFG) (76.05), TAF	Volta WMA (CDFG), TAF	Grassland WD (76.05L & CCID), TAF	Grassland WD (Volta Wasteway), TAF	Kesterson Unit (USFWS) (Volta Wasteway), TAF	Kesterson Unit (USFWS) (76.0), TAF	Total Deliveries, TAF	Average EC at Check 13, µS/cm	Monthly Salt Load, thousand tons
Multiplier	0.86	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	NA	NA	NA
Water Year 2005												
Oct	0	0	0	0	2.3	11.4	14.3	1.0	0	29.1	518	12.7
Nov	0	0	0	0	0.3	2.0	2.1	0.9	0	5.3	524	2.4
Dec	0.6	0.7	1.0	0.4	0.3	8.6	1.0	0.9	0	13.5	628	7.2
Jan	0	0	0	0	0	2.0	0.1	0	0	2.1	538	1.0
Feb	0	0	0	0	0.1	2.5	0.2	0	0	2.7	564	1.3
Mar	0.3	0.3	0.9	0.5	0	3.4	0	0	0.3	5.8	554	2.7
Apr	0.3	0.5	0.5	0.5	0	2.9	0.2	0	0.4	5.3	342	1.5
May	0	0	0	0	0	6.9	3.4	0	0	10.3	282	2.5
Jun	0.3	0.5	1.0	0.7	0	4.9	2.7	0.4	0	10.4	211	1.9
Jul	0.5	0.5	0.9	0.6	0	1.5	1.5	0.3	0	5.7	283	1.4
Aug	0.4	0.2	0.8	0.9	0.5	5.5	3.0	0.3	0	11.7	342	3.4
Sep	0	0	0	0	2.7	16.3	11.7	1.0	0	31.8	416	11.1

Table A-2 Cont'd: WY 2000-2010 Delta- Mendota Canal Deliveries from CVP (Grassland Subarea)

	Del Puerto WD,TAF	Eagle Field WD, TAF	Mercy Springs WD, TAF	Oro Loma WD, TAF	Panoche WD - Ag, TAF	Panoche WD - M&I, TAF	San Luis WD - Ag, TAF	San Luis WD - M&I, TAF	Central California ID (Abv C, TAF	Central California ID (Blw C, TAF	Firebaugh Canal WD, TAF	Total Deliveries, TAF	Average EC at Check 13, µS/cm	Monthly Salt Load, thousand tons
Multiplier	0.21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.87	0.87	1.00	NA	NA	NA
Water Year 2006														
Oct	1.1	0.2	0	0	0	0	0.1	0	0.5	0.1	0.6	2.7	376	0.8
Nov	0.4	0.1	0	0	0	0	0.1	0	0.4	1.2	0.3	2.6	516	1.1
Dec	0.1	0	0	0	0.1	0	0	0	0.6	2.3	0.8	4.0	568	1.9
Jan	0	0	0	0	0.2	0	0.6	0	0	0	0	0.8	256	0.2
Feb	0.4	0.5	0.2	0.2	0.4	0	2.0	0	0.6	0.2	0	4.5	357	1.4
Mar	0.2	0	0.1	0	0.1	0	0.8	0	0.4	0.1	0.3	2.1	268	0.5
Apr	0.2	0	0	0	0	0	0.2	0	0.1	0.4	0	1.0	234	0.2
May	2.6	0.4	0.1	0.3	0.6	0	0.8	0	1.6	0.6	0.7	7.7	154	1.0
Jun	3.4	0.8	0.1	0.1	2.6	0	2.7	0	2.4	10.2	4.9	27.1	173	4.0
Jul	4.0	0.7	0.1	0.2	2.7	0	3.2	0	2.1	15.4	7.3	35.8	251	7.6
Aug	3.1	0.7	0.1	0.3	1.7	0	1.9	0	2.8	11.9	5.1	27.6	301	7.0
Sep	1.9	0.2	0.4	0.2	0.4	0	0.5	0	2.4	0.1	0.4	6.5	310	1.7

Table A-2 Cont'd: WY 2000-2010 Delta- Mendota Canal Deliveries from CVP (Grassland Subarea)

	China Island Unit (CDFG) (76.05),TAF	Frietas Unit (USFWS) (76.05L), TAF	Salt Slough Unit (CDFG) (76, TAF	Los Banos WMA (CDFG) (76.05), TAF	Volta WMA (CDFG), TAF	Grassland WD (76.05L & CCID), TAF	Grassland WD (Volta Wasteway), TAF	Kesterson Unit (USFWS) (Volta Wasteway), TAF	Kesterson Unit (USFWS) (76.0), TAF	Total Deliveries, TAF	Average EC at Check 13, µS/cm	Monthly Salt Load, thousand tons
Multiplier	0.86	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	NA	NA	NA
Water Year 2006												
Oct	0	0	0	0	2.5	14.4	12.7	1.5	0	31.1	376	9.9
Nov	0.4	0.8	1.1	1.1	1.8	4.8	5.7	1.1	0	16.9	516	7.4
Dec	1.0	1.0	1.4	1.3	1.1	4.9	3.3	0.6	0	14.7	568	7.0
Jan	0.4	0.7	0.9	0.9	0.5	0	0	0	0.8	4.3	256	0.9
Feb	0.5	0.5	0.8	0.6	1.1	0	1.2	0	0.6	5.3	357	1.6
Mar	0	0	0	0	0	0	0	0	0	0	268	0
Apr	0	0	0	0	0	0	0	0	0	0	234	0
May	0	0	0	0	0.2	3.8	2.7	0	0	6.7	154	0.9
Jun	0.1	0.3	0.7	0.2	0	5.7	1.1	0	0	8.0	173	1.2
Jul	0.4	0	1.1	0.4	0.1	5.7	0.2	0	0.2	8.0	251	1.7
Aug	0.5	0.1	0.8	0.6	1.1	10.7	3.5	0.4	0	17.7	301	4.5
Sep	0	0	0	0	2.7	20.4	13.3	1.3	0	37.7	310	9.8

Table A-2 Cont'd: WY 2000-2010 Delta- Mendota Canal Deliveries from CVP (Grassland Subarea)

	Del Puerto WD,TAF	Eagle Field WD, TAF	Mercy Springs WD, TAF	Oro Loma WD, TAF	Panoche WD - Ag, TAF	Panoche WD - M&I, TAF	San Luis WD - Ag, TAF	San Luis WD - M&I, TAF	Central California ID (Abv C, TAF	Central California ID (Blw C, TAF	Firebaugh Canal WD, TAF	Total Deliveries, TAF	Average EC at Check 13, µS/cm	Monthly Salt Load, thousand tons
Multiplier	0.21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.87	0.87	1.00	NA	NA	NA
Water Year 2007														
Oct	0.9	0	0	0	0	0.2	0	0	1.1	0.1	0.7	3.1	290	0.7
Nov	0.2	0.1	0	0	0.1	0	0.1	0	0.3	0	0.6	1.4	417	0.5
Dec	0.1	0	0.1	0	0.1	0	0.1	0	0.7	0.1	1.0	2.3	539	1.0
Jan	0.4	0.1	0.3	0	0.5	0	1.2	0	0.3	0.6	0.7	4.0	562	1.9
Feb	0.4	0.4	0	0.1	0.4	0	1.8	0	0.2	4.2	0.9	8.4	543	3.8
Mar	1.9	0.4	0.3	0	0.6	0	0.9	0	2.3	7.3	0	13.6	479	5.5
Apr	2.4	0.5	0.2	0	0.7	0	0.8	0	1.5	5.3	0.2	11.6	417	4.1
May	2.7	0.5	0	0	1.4	0	0.8	0	1.9	18.3	1.4	27.3	430	9.9
Jun	2.9	0.3	0.1	0	1.3	0	1.8	0	1.9	21.5	4.0	33.8	434	12.4
Jul	3.2	0.3	0	0	1.3	0	1.4	0	2.5	23.5	5.4	37.7	318	10.1
Aug	2.2	0.3	0	0	1.3	0	0.9	0	2.4	17.8	4.7	29.6	448	11.2
Sep	1.2	0	0	0	0.4	0	0.2	0	1.9	0.2	0.2	4.2	552	2.0

Table A-2 Cont'd: WY 2000-2010 Delta- Mendota Canal Deliveries from CVP (Grassland Subarea)

	China Island Unit (CDFG) (76.05),TAF	Frietas Unit (USFWS) (76.05L), TAF	Salt Slough Unit (CDFG) (76, TAF	Los Banos WMA (CDFG) (76.05), TAF	Volta WMA (CDFG), TAF	Grassland WD (76.05L & CCID), TAF	Grassland WD (Volta Wasteway), TAF	Kesterson Unit (USFWS) (Volta Wasteway), TAF	Kesterson Unit (USFWS) (76.0), TAF	Total Deliveries, TAF	Average EC at Check 13, µS/cm	Monthly Salt Load, thousand tons
Multiplier	0.86	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	NA	NA	NA
Water Year 2007												
Oct	0	0	0	0	2.6	4.3	12.1	1.4	0	20.4	290	5.0
Nov	0	0	0	0	1.8	2.3	5.2	1.1	0	10.4	417	3.7
Dec	0	0	0	0	1.1	0	4.2	1.0	0	6.4	539	2.9
Jan	0	0	0	0	0.9	3.1	3.4	0.1	0	7.5	562	3.5
Feb	0.8	1.2	0.2	1.2	0.6	0	0	0.1	1.2	4.1	543	1.9
Mar	0.5	0.4	0.7	0.5	0.3	3.7	0	0	0.4	7.0	479	2.8
Apr	0.5	0.3	0.5	0.3	0.2	1.2	1.5	0	0.3	4.8	417	1.7
May	0.4	0.5	0.4	0.2	0.6	2.5	6.1	0	0.5	10.9	430	3.9
Jun	0.6	0.4	0.5	0.4	0	1.0	1.6	0	0.4	4.9	434	1.8
Jul	0.5	0.5	0.6	0.5	2.2	0.1	0	0	0.5	4.6	318	1.2
Aug	0.6	0.5	0.6	1.3	2.6	2.2	0.7	0	0.5	9.1	448	3.4
Sep	0	0	0	0	2.8	16.9	20.2	0.9	0	40.7	552	19.0

Table A-2 Cont'd: WY 2000-2010 Delta- Mendota Canal Deliveries from CVP (Grassland Subarea)

	Del Puerto WD,TAF	Eagle Field WD, TAF	Mercy Springs WD, TAF	Oro Loma WD, TAF	Panoche WD - Ag, TAF	Panoche WD - M&I, TAF	San Luis WD - Ag, TAF	San Luis WD - M&I, TAF	Central California ID (Abv C, TAF	Central California ID (Blw C, TAF	Firebaugh Canal WD, TAF	Total Deliveries, TAF	Average EC at Check 13, µS/cm	Monthly Salt Load, thousand tons
Multiplier	0.21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.87	0.87	1.00	NA	NA	NA
Water Year 2008														
Oct	0.4	0	0.1	0	0.1	0	0.1	0	1.5	0.1	0.5	2.9	506	1.2
Nov	0.3	0	0.1	0	0.1	0	0.1	0	0.2	0	0.5	1.2	519	0.5
Dec	0	0	0	0	0	0	0.1	0	0	0	0.2	0.4	571	0.2
Jan	0	0	0	0	0.1	0	0	0	0	0.4	0.1	0.6	673	0.3
Feb	0	0	0	0.1	0.1	0	0.2	0	0	0.8	0.2	1.6	557	0.7
Mar	1.0	0	0.1	0	1.0	0	0.7	0	1.0	7.6	0.4	11.8	557	5.5
Apr	1.8	0	0.1	0	0.7	0	0.6	0	1.4	6.2	0.4	11.2	475	4.5
May	2.0	0	0.2	0	0.8	0	0.6	0	2.0	10.6	2.0	18.3	525	8.1
Jun	1.8	0	0.1	0	0.9	0	0.9	0	1.8	17.3	2.5	25.3	523	11.2
Jul	1.9	0	0.2	0	0.8	0	1.3	0	1.6	23.5	3.9	33.1	376	10.5
Aug	2.0	0.1	0.1	0	0.7	0	0.7	0	1.9	23.1	2.0	30.5	468	12.0
Sep	1.1	0	0.2	0	0.2	0	0.4	0	1.4	0.4	0.1	3.7	566	1.8

Table A-2 Cont'd: WY 2000-2010 Delta- Mendota Canal Deliveries from CVP (Grassland Subarea)

	China Island Unit (CDFG) (76.05),TAF	Frietas Unit (USFWS) (76.05L), TAF	Salt Slough Unit (CDFG) (76, TAF	Los Banos WMA (CDFG) (76.05), TAF	Volta WMA (CDFG), TAF	Grassland WD (76.05L & CCID), TAF	Grassland WD (Volta Wasteway), TAF	Kesterson Unit (USFWS) (Volta Wasteway), TAF	Kesterson Unit (USFWS) (76.0), TAF	Total Deliveries, TAF	Average EC at Check 13, µS/cm	Monthly Salt Load, thousand tons
Multiplier	0.86	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	NA	NA	NA
Water Year 2008												
Oct	0	0	0	2.8	5.0	13.0	0	1.0	0	21.7	506	9.3
Nov	0	0	0	1.5	3.0	5.4	0	0.8	0	10.7	519	4.7
Dec	0	0	0	0.4	0	1.3	0	0.7	0	2.4	571	1.2
Jan	0	0	0	0	0.2	1.1	0	0.6	0	1.8	673	1.0
Feb	0	0	0	0	0.4	6.0	0.7	0	0	7.2	557	3.4
Mar	0.4	0.8	0.5	0.5	0	1.5	0	0	0.6	4.2	557	2.0
Apr	0.3	0.5	0.4	0.7	0.1	0.9	0.4	0	0.3	3.6	475	1.5
May	0.3	0.5	0.7	0.8	0.4	8.9	3.7	0	0.3	15.5	525	6.9
Jun	0.2	0.3	0.4	0.3	0.3	2.7	1.0	0	0.1	5.1	523	2.3
Jul	0.5	0	0.4	0.4	0	0.4	0	0	0	1.8	376	0.6
Aug	0.4	0	0.5	0.7	1.9	1.2	0.3	0	0	5.0	468	2.0
Sep	0	0	0	0	2.6	21.6	17.0	0.9	0	42.1	566	20.1

Table A-2 Cont'd: WY 2000-2010 Delta- Mendota Canal Deliveries from CVP (Grassland Subarea)

	Del Puerto WD,TAF	Eagle Field WD, TAF	Mercy Springs WD, TAF	Oro Loma WD, TAF	Panoche WD - Ag, TAF	Panoche WD - M&I, TAF	San Luis WD - Ag, TAF	San Luis WD - M&I, TAF	Central California ID (Abv C, TAF	Central California ID (Blw C, TAF	Firebaugh Canal WD, TAF	Total Deliveries, TAF	Average EC at Check 13, µS/cm	Monthly Salt Load, thousand tons
Multiplier	0.21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.87	0.87	1.00	NA	NA	NA
Water Year 2009														
Oct	0.6	0	0.2	0	0.1	0	0.2	0	0.8	0.2	0	2.1	508	0.9
Nov	0.2	0	0	0	0.2	0	0	0	0.3	0.1	0.1	0.9	612	0.4
Dec	0.1	0	0	0	0.1	0	0.1	0	0.7	0	0	0.9	753	0.6
Jan	0.1	0	0	0	0	0	0.1	0	0	0	0.7	0.9	828	0.6
Feb	0.1	0	0	0	0	0	0	0.1	0	0.2	0.1	0.5	846	0.4
Mar	0.4	0	0	0	0.1	0	0.1	0	1.0	11.9	0.1	13.7	667	7.7
Apr	0.9	0	0.1	0	0.6	0	0.4	0	1.2	6.9	0.8	10.9	543	5.0
May	1.5	0	0.1	0	0.5	0	0.6	0	2.3	15.5	1.0	21.6	541	9.9
Jun	1.5	0	0.1	0	0.4	0	0.8	0	1.3	17.2	3.5	24.9	556	11.7
Jul	2.0	0	0.2	0	0.9	0	0.9	0	2.1	27.3	5.2	38.5	308	10.0
Aug	1.4	0	0.1	0	0.5	0	0.5	0	2.1	22.8	1.4	28.9	440	10.7
Sep	0.8	0	0	0	0	0	0.2	0	1.4	0.3	0.2	3.0	514	1.3

Table A-2 Cont'd: WY 2000-2010 Delta- Mendota Canal Deliveries from CVP (Grassland Subarea)

	China Island Unit (CDFG) (76.05),TAF	Frietas Unit (USFWS) (76.05L), TAF	Salt Slough Unit (CDFG) (76, TAF	Los Banos WMA (CDFG) (76.05), TAF	Volta WMA (CDFG), TAF	Grassland WD (76.05L & CCID), TAF	Grassland WD (Volta Wasteway), TAF	Kesterson Unit (USFWS) (Volta Wasteway), TAF	Kesterson Unit (USFWS) (76.0), TAF	Total Deliveries, TAF	Average EC at Check 13, µS/cm	Monthly Salt Load, thousand tons
Multiplier	0.86	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	NA	NA	NA
Water Year 2009												
Oct	0	0	0	0	2.8	12.7	11.8	1.5	0	28.8	508	12.3
Nov	0	0	0	0	1.5	7.6	1.0	0	0	10.1	612	5.2
Dec	1.0	0.9	0.9	0.8	0.2	0.5	0.3	0	0.8	5.5	753	3.5
Jan	0.8	0	0	0	0.7	0	2.3	0	0	3.8	828	2.6
Feb	0	0	0	0	0.5	1.0	0	0.7	0	2.2	846	1.6
Mar	0.3	0.7	0.4	0.3	0	0	0	0	0.6	2.2	667	1.2
Apr	0.3	0.4	0.2	0.4	0.2	2.0	0.7	0	0.2	4.5	543	2.0
May	0.3	0.6	0.3	0.2	0	3.7	3.6	0.7	0.7	10.2	541	4.7
Jun	0.1	0.3	0.3	0.5	0	3.2	0.1	0	0.4	5.0	556	2.3
Jul	0.6	0	0.2	0.5	0.3	0.5	0	0	0	2.1	308	0.6
Aug	0.6	0	1.0	1.1	2.0	1.1	0.2	0	0.2	6.2	440	2.3
Sep	0.4	0.3	0.6	1.3	2.7	17.3	14.0	0.9	0	37.5	514	16.2

Table A-2 Cont'd: WY 2000-2010 Delta- Mendota Canal Deliveries from CVP (Grassland Subarea)

	Del Puerto WD,TAF	Eagle Field WD, TAF	Mercy Springs WD, TAF	Oro Loma WD, TAF	Panoche WD - Ag, TAF	Panoche WD - M&I, TAF	San Luis WD - Ag, TAF	San Luis WD - M&I, TAF	Central California ID (Abv C, TAF	Central California ID (Blw C, TAF	Firebaugh Canal WD, TAF	Total Deliveries, TAF	Average EC at Check 13, µS/cm	Monthly Salt Load, thousand tons
Multiplier	0.21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.87	0.87	1.00	NA	NA	NA
Water Year 2010														
Oct	0.2	0	0.1	0	0	0	0.1	0	0.5	0.2	0	1.0	475	0.4
Nov	0.2	0	0	0	0	0	0	0	0.2	3.1	0.1	3.6	521	1.6
Dec	0.1	0	0	0	0	0	0	0	0.2	0.6	0.1	0.9	631	0.5
Jan	0	0	0	0	0	0	0	0	0	0	0.3	0.3	774	0.2
Feb	0	0.1	0	0	0	0	0	0	0.2	0.2	0.1	0.7	617	0.4
Mar	0.3	0	0	0.1	0.1	0	0.1	0	0.8	7.0	0.1	8.4	626	4.4
Apr	0.4	0.1	0	0	0.2	0	0.2	0	0.5	0.7	0.1	2.1	405	0.7
May	1.7	0.1	0	0	0.6	0	0	0	1.8	10.4	1.5	16.1	279	3.8
Jun	2.2	0.4	0.1	0	2.2	0	0.1	0	1.8	11.3	4.7	23.8	210	4.2
Jul														
Aug														
Sep														

Table A-2 Cont'd: WY 2000-2010 Delta- Mendota Canal Deliveries from CVP (Grassland Subarea)

	China Island Unit (CDFG) (76.05),TAF	Frietas Unit (USFWS) (76.05L), TAF	Salt Slough Unit (CDFG) (76, TAF	Los Banos WMA (CDFG) (76.05), TAF	Volta WMA (CDFG), TAF	Grassland WD (76.05L & CCID), TAF	Grassland WD (Volta Wasteway), TAF	Kesterson Unit (USFWS) (Volta Wasteway), TAF	Kesterson Unit (USFWS) (76.0), TAF	Total Deliveries, TAF	Average EC at Check 13, µS/cm	Monthly Salt Load, thousand tons
Multiplier	0.86	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	NA	NA	NA
Water Year 2010												
Oct	0	0	0	0	2.6	3.8	6.3	1.5	0	14.1	475	5.6
Nov	0.3	0.6	0.9	0.7	1.7	2.9	0.8	0	0.7	8.6	521	3.8
Dec	0.9	1.1	1.0	0.6	0.3	0.3	0	0	1.1	5.3	631	2.8
Jan	0.8	1.5	1.2	0.3	0.1	0.2	0	0.5	0	4.5	774	2.9
Feb	0	0	0	0	0.4	1.8	0	0	0	2.2	617	1.2
Mar	0.4	0.8	0.7	0.7	0.1	0	0	0.6	0	3.3	626	1.7
Apr	0.1	0.2	0.2	0.1	0	1.0	0	0.1	0	1.8	405	0.6
May	0.4	0.8	0.6	0.7	0.1	3.6	3.8	0	0.7	10.7	279	2.5
Jun	0.4	0.7	0.5	0.4	0	5.1	0.8	0.3	0	8.2	210	1.5
Jul												
Aug												
Sep												

Table A-3: WY 2000-2010 San Luis and Cross Valley Canal Deliveries from CVP (Grassland Subarea)

	CDFG - O'Neill Forebay WMA, TAF	City of Dos Palos, TAF	Pacheco WD, TAF	Pacheco CCID Non-project (Hamburg), TAF	Panoche WD, TAF	San Luis WD, TAF	San Luis WD - Ag (via O'Neill Forebay), TAF	San Luis WD - M&I (via O'Neill Forebay), TAF	VA Cemetery, TAF	Total Deliveries, TAF	Average EC at Check 13, µS/cm	Monthly Salt Load, thousand tons
Multiplier	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	NA	NA	NA
Water Year 2000												
Oct												
Nov												
Dec												
Jan	0.1	0.1	0.4	0	1.3	1.6	0.1	0	0	3.5	494	1.5
Feb	0.1	0.1	1.0	0	2.9	2.4	0.5	0	0	7.0	489	2.9
Mar	0.1	0.1	0.6	0	1.9	4.2	0.6	0	0	7.5	330	2.1
Apr	0.1	0.1	0.5	0	2.3	5.3	1.0	0	0	9.2	384	3.0
May	0.1	0.1	1.4	0	5.0	7.8	1.5	0	0	16.0	425	5.7
Jun	0.2	0.2	2.5	0	11.1	11.6	2.5	0.1	0	28.1	369	8.7
Jul	0.2	0.2	2.5	0	11.0	13.3	3.1	0.1	0	30.2	304	7.8
Aug	0.2	0.2	1.1	0	6.7	8.7	2.0	0.1	0	18.9	302	4.8
Sep	0.1	0.1	0.2	0	1.1	2.3	0.9	0	0	4.7	358	1.4

Table A-3 Cont'd: WY 2000-2010 San Luis and Cross Valley Canal Deliveries from CVP (Grassland Subarea)

	CDFG - O'Neill Forebay WMA, TAF	City of Dos Palos, TAF	Pacheco WD, TAF	Pacheco CCID Non-project (Hamburg), TAF	Panoche WD, TAF	San Luis WD, TAF	San Luis WD - Ag (via O'Neill Forebay), TAF	San Luis WD - M&I (via O'Neill Forebay), TAF	VA Cemetery, TAF	Total Deliveries, TAF	Average EC at Check 13, µS/cm	Monthly Salt Load, thousand tons
Multiplier	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	NA	NA	NA
Water Year 2001												
Oct	0.1	0.1	0.1	0	0.6	1.7	0.3	0	0	3.0	457	1.1
Nov	0.1	0.1	0	0	0.3	0.6	0	0	0	1.2	524	0.5
Dec	0.1	0.1	0	0	1.1	1.2	0.2	0	0	2.6	619	1.4
Jan	0	0.1	0.4	0	4.2	0.3	0	0	0	5.0	705	3.0
Feb	0.1	0.1	0.8	0	5.9	4.6	0.3	0	0	11.7	591	5.8
Mar	0.1	0.1	0.5	0	1.7	2.8	0.4	0	0	5.6	587	2.7
Apr	0.1	0.1	0.9	0	1.5	4.2	0.6	0	0	7.4	512	3.2
May	0	0.2	1.6	0	4.5	8.6	1.4	0.1	0	16.4	456	6.3
Jun	0	0.2	0.8	0	11.6	11.9	1.5	0.1	0	26.2	416	9.2
Jul	0	0.2	1.9	0	12.1	12.1	2.1	0.1	0	28.5	349	8.4
Aug	0	0.2	1.5	0	7.0	7.0	1.6	0.1	0	17.7	476	7.1
Sep	0	0.1	0.4	0	1.2	1.2	0.6	0	0	4.2	603	2.1

Table A-3 Cont'd: WY 2000-2010 San Luis and Cross Valley Canal Deliveries from CVP (Grassland Subarea)

	CDFG - O'Neill Forebay WMA, TAF	City of Dos Palos, TAF	Pacheco WD, TAF	Pacheco CCID Non-project (Hamburg), TAF	Panoche WD, TAF	San Luis WD, TAF	San Luis WD - Ag (via O'Neill Forebay), TAF	San Luis WD - M&I (via O'Neill Forebay), TAF	VA Cemetery, TAF	Total Deliveries, TAF	Average EC at Check 13, µS/cm	Monthly Salt Load, thousand tons
Multiplier	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	NA	NA	NA
Water Year 2002												
Oct	0.2	0.1	0.4	0	0.7	2.5	0.4	0.1	0	4.4	592	2.2
Nov	0.1	0.1	0.2	0	0.7	0.9	0.2	0	0	2.1	557	1.0
Dec	0.1	0.1	0.1	0	0.7	0.2	0	0	0	1.1	603	0.6
Jan	0.1	0.1	0	0.3	2.6	1.1	0.1	0	0	4.3	527	1.9
Feb	0.1	0.1	0	0.7	4.8	5.7	0.6	0	0	12.0	577	5.8
Mar	0.1	0.1	0.1	0.9	3.7	5.8	0.7	0	0	11.4	585	5.6
Apr	0	0.1	0.3	0.7	3.1	5.1	0.7	0	0	10.2	486	4.2
May	0.1	0.1	0	2.0	5.2	7.2	1.2	0.1	0	15.8	459	6.1
Jun	0.1	0.2	1.3	0.9	10.0	11.7	1.7	0.1	0	25.9	402	8.8
Jul	0.1	0.2	2.8	0	13.6	14.2	2.1	0.1	0	33.0	317	8.8
Aug	0.1	0.2	1.3	0	7.3	7.3	1.3	0.1	0	17.5	442	5.6
Sep	0.1	0.1	0.4	0	0.9	2.0	0.7	0	0	4.3	561	2.0

Table A-3 Cont'd: WY 2000-2010 San Luis and Cross Valley Canal Deliveries from CVP (Grassland Subarea)

	CDFG - O'Neill Forebay WMA, TAF	City of Dos Palos, TAF	Pacheco WD, TAF	Pacheco CCID Non-project (Hamburg), TAF	Panoche WD, TAF	San Luis WD, TAF	San Luis WD - Ag (via O'Neill Forebay), TAF	San Luis WD - M&I (via O'Neill Forebay), TAF	VA Cemetery, TAF	Total Deliveries, TAF	Average EC at Check 13, µS/cm	Monthly Salt Load, thousand tons
Multiplier	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	NA	NA	NA
Water Year 2003												
Oct	0.1	0.1	0.1	0	0.8	2.9	0.5	0.1	0	4.6	576	2.2
Nov	0.1	0.1	0	0	1.2	1.3	0.2	0	0	2.9	556	1.4
Dec	0.1	0.1	0	0	0.9	0.3	0.1	0	0	1.6	614	0.8
Jan	0	0.1	0.2	0.5	3.0	1.7	0	0	0	5.5	562	2.6
Feb	0	0.1	0.4	1.0	6.5	5.0	0.7	0	0	13.7	526	6.1
Mar	0	0.1	0.2	0.5	3.1	4.8	0.6	0	0	9.3	550	4.3
Apr	0	0.1	0.1	0.5	4.1	5.7	1.0	0	0	11.5	457	4.4
May	0	0.1	0	1.2	4.8	6.8	1.2	0.1	0	14.2	450	5.4
Jun	0.1	0.2	1.3	1.6	9.0	11.5	1.9	0.1	0	25.5	304	6.5
Jul	0.1	0.2	2.7	0	12.8	14.3	2.3	0.1	0	32.5	244	6.7
Aug	0	0.2	1.9	0	8.0	8.9	1.5	0.1	0	20.6	276	4.8
Sep	0	0.2	0.2	0	1.2	2.7	0.6	0.1	0	5.0	351	1.5

Table A-3 Cont'd: WY 2000-2010 San Luis and Cross Valley Canal Deliveries from CVP (Grassland Subarea)

	CDFG - O'Neill Forebay WMA, TAF	City of Dos Palos, TAF	Pacheco WD, TAF	Pacheco CCID Non-project (Hamburg), TAF	Panoche WD, TAF	San Luis WD, TAF	San Luis WD - Ag (via O'Neill Forebay), TAF	San Luis WD - M&I (via O'Neill Forebay), TAF	VA Cemetery, TAF	Total Deliveries, TAF	Average EC at Check 13, µS/cm	Monthly Salt Load, thousand tons
Multiplier	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	NA	NA	NA
Water Year 2004												
Oct	0	0.1	0.1	0	0.7	3.4	0.7	0.1	0	5.2	504	2.2
Nov	0.1	0.1	0	0	0.5	1.3	0.1	0	0	2.2	532	1.0
Dec	0.1	0.1	0	0	1.5	0.7	0	0	0	2.5	617	1.3
Jan	0.1	0.1	0	0.3	4.3	2.4	0.1	0	0	7.2	535	3.2
Feb	0.1	0.1	0	0.7	4.4	5.0	0.3	0	0	10.6	546	4.9
Mar	0.1	0.1	0	0.9	3.5	5.3	0.6	0	0	10.5	510	4.5
Apr	0.1	0.1	0.1	1.4	3.8	6.7	1.0	0.1	0	13.3	416	4.7
May	0	0.2	0	2.2	7.0	10.3	1.4	0.1	0	21.2	443	7.9
Jun	0	0.2	2.3	0	13.2	13.4	1.8	0.1	0	31.1	403	10.6
Jul	0.1	0.2	3.0	0	11.7	12.3	1.7	0.1	0	29.1	344	8.4
Aug	0.1	0.2	1.7	0	6.5	7.0	1.0	0.1	0	16.6	356	5.0
Sep	0.1	0.2	0.7	0	0.8	3.1	0.6	0.1	0	5.5	461	2.2

Table A-3 Cont'd: WY 2000-2010 San Luis and Cross Valley Canal Deliveries from CVP (Grassland Subarea)

	CDFG - O'Neill Forebay WMA, TAF	City of Dos Palos, TAF	Pacheco WD, TAF	Pacheco CCID Non-project (Hamburg), TAF	Panoche WD, TAF	San Luis WD, TAF	San Luis WD - Ag (via O'Neill Forebay), TAF	San Luis WD - M&I (via O'Neill Forebay), TAF	VA Cemetery, TAF	Total Deliveries, TAF	Average EC at Check 13, µS/cm	Monthly Salt Load, thousand tons
Multiplier	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	NA	NA	NA
Water Year 2005												
Oct	0.1	0.1	0.4	0	0.5	2.4	0.3	0.1	0	3.9	518	1.7
Nov	0.1	0.1	0	0.1	0.1	0.4	0.1	0.1	0	0.9	524	0.4
Dec	0.1	0.1	0	0.1	0.2	0.2	0	0	0	0.8	628	0.4
Jan	0.1	0.1	0	0.2	1.9	0.6	0	0	0	2.9	538	1.3
Feb	0	0.1	0	0.5	2.5	2.4	0.1	0	0	5.7	564	2.7
Mar	0	0.1	0	0.1	2.1	4.8	0.6	0	0	7.7	554	3.6
Apr	0.1	0.1	0	0.7	3.0	5.9	0.7	0.1	0	10.6	342	3.0
May	0.2	0.1	0	1.2	4.2	7.0	1.0	0.1	0	13.9	282	3.3
Jun	0	0.2	0.8	1.3	10.8	12.4	1.8	0.1	0	27.3	211	4.9
Jul	0.1	0.2	2.3	0	14.5	13.6	2.0	0.1	0	32.9	283	7.8
Aug	0.1	0.2	1.7	0	10.2	9.9	1.3	0.1	0	23.4	342	4.8
Sep	0	0.2	0.3	0	1.1	3.6	0.3	0.1	0	5.9	416	2.1

Table A-3 Cont'd: WY 2000-2010 San Luis and Cross Valley Canal Deliveries from CVP (Grassland Subarea)

	CDFG - O'Neill Forebay WMA, TAF	City of Dos Palos, TAF	Pacheco WD, TAF	Pacheco CCID Non-project (Hamburg), TAF	Panoche WD, TAF	San Luis WD, TAF	San Luis WD - Ag (via O'Neill Forebay), TAF	San Luis WD - M&I (via O'Neill Forebay), TAF	VA Cemetery, TAF	Total Deliveries, TAF	Average EC at Check 13, µS/cm	Monthly Salt Load, thousand tons
Multiplier	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	NA	NA	NA
Water Year 2006												
Oct	0.1	0.1	0.2	0	0.7	3.8	0.2	0.1	0	5.1	376	1.6
Nov	0.1	0.1	0	0	0.6	2.4	0.3	0.1	0	3.5	516	1.5
Dec	0.1	0.1	0.4	0	1.3	0.6	0.1	0	0	2.7	568	1.3
Jan	0.1	0.1	0	0.1	1.7	1.2	0.1	0	0	3.2	256	0.7
Feb	0.1	0.1	0	0.7	2.8	4.6	0.7	0	0	9.0	357	2.7
Mar	0.1	0.1	0	0.6	1.3	3.1	0.6	0.1	0	5.7	268	1.3
Apr	0	0.1	0	0.3	0.9	2.7	0.3	0.1	0	4.4	234	0.9
May	0	0.2	0	1.4	5.5	7.9	0.8	0.2	0	15.9	154	2.1
Jun	0	0.2	1.0	1.3	12.0	13.0	1.8	0.2	0	29.5	173	4.3
Jul	0.1	0.2	2.5	0	15.0	14.2	2.1	0.2	0	34.4	251	7.3
Aug	0.2	0.1	1.4	0	8.3	8.4	1.6	0.2	0	20.2	301	5.1
Sep	0.1	0.2	0.4	0	1.1	3.7	0.6	0.2	0	6.2	310	1.6

Table A-3 Cont'd: WY 2000-2010 San Luis and Cross Valley Canal Deliveries from CVP (Grassland Subarea)

	CDFG - O'Neill Forebay WMA, TAF	City of Dos Palos, TAF	Pacheco WD, TAF	Pacheco CCID Non-project (Hamburg), TAF	Panoche WD, TAF	San Luis WD, TAF	San Luis WD - Ag (via O'Neill Forebay), TAF	San Luis WD - M&I (via O'Neill Forebay), TAF	VA Cemetery, TAF	Total Deliveries, TAF	Average EC at Check 13, µS/cm	Monthly Salt Load, thousand tons
Multiplier	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	NA	NA	NA
Water Year 2007												
Oct	0.2	0.1	0.1	0	0.3	2.4	0.3	0.1	0	3.5	290	0.9
Nov	0.1	0.1	0.1	0	1.0	2.4	0.1	0.1	0	3.8	417	1.3
Dec	0	0.1	0.3	0	0.5	1.5	0	0.1	0	2.5	539	1.1
Jan	0.1	0.1	0.9	0	2.5	3.3	0.3	0	0	7.2	562	3.4
Feb	0.1	0.1	0.4	0	3.2	4.4	0.5	0	0	8.7	543	4.0
Mar	0.1	0.1	1.1	0	4.2	7.3	0.9	0.1	0	13.8	479	5.6
Apr	0	0.1	1.1	0.7	4.5	7.5	0.8	0.1	0	14.8	417	5.2
May	0	0.2	0	2.1	5.6	9.7	1.0	0.1	0	18.8	430	6.8
Jun	0.1	0.2	1.6	0.9	7.8	12.4	1.3	0.1	0	24.5	434	9.0
Jul	0.1	0.2	2.4	0	8.0	11.7	1.5	0.1	0	24.0	318	6.4
Aug	0.1	0.2	2.2	0	5.2	6.4	0.9	0.1	0	15.1	448	5.7
Sep	0	0.2	0.5	0	2.2	3.1	0.4	0.1	0	6.5	552	3.1

Table A-3 Cont'd: WY 2000-2010 San Luis and Cross Valley Canal Deliveries from CVP (Grassland Subarea)

	CDFG - O'Neill Forebay WMA, TAF	City of Dos Palos, TAF	Pacheco WD, TAF	Pacheco CCID Non-project (Hamburg), TAF	Panoche WD, TAF	San Luis WD, TAF	San Luis WD - Ag (via O'Neill Forebay), TAF	San Luis WD - M&I (via O'Neill Forebay), TAF	VA Cemetery, TAF	Total Deliveries, TAF	Average EC at Check 13, µS/cm	Monthly Salt Load, thousand tons
Multiplier	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	NA	NA	NA
Water Year 2008												
Oct	0	0.1	0.1	0	0.9	3.3	0.1	0.1	0	4.6	506	2.0
Nov	0	0.1	0.1	0	0.5	1.7	0.1	0.1	0	2.6	519	1.2
Dec	0	0.1	0.1	0	0.4	0.1	0	0	0	0.9	571	0.4
Jan	0.1	0.1	0	0.1	0.1	0.6	0	0	0	1.1	673	0.6
Feb	0	0.1	0	0.8	1.2	3.5	0.3	0	0	5.9	557	2.8
Mar	0	0.1	0.2	1.1	3.3	5.5	0.7	0.1	0	11.0	557	5.2
Apr	0	0.1	0	1.5	4.9	7.2	0.7	0.1	0	14.4	475	5.8
May	0	0.1	0	1.3	5.1	9.0	0.8	0.2	0	16.6	525	7.4
Jun	0.1	0.2	0.8	0.8	4.9	8.9	0.8	0.2	0	16.7	523	7.3
Jul	0.1	0.2	1.0	0	4.9	10.5	1.2	0.1	0	18.0	376	5.7
Aug	0.1	0.2	0.7	0	2.1	6.8	0.7	0.1	0	10.7	468	4.2
Sep	0.1	0.2	0.3	0	1.2	3.8	0.4	0.1	0	6.1	566	2.9

Table A-3 Cont'd: WY 2000-2010 San Luis and Cross Valley Canal Deliveries from CVP (Grassland Subarea)

	CDFG - O'Neill Forebay WMA, TAF	City of Dos Palos, TAF	Pacheco WD, TAF	Pacheco CCID Non-project (Hamburg), TAF	Panoche WD, TAF	San Luis WD, TAF	San Luis WD - Ag (via O'Neill Forebay), TAF	San Luis WD - M&I (via O'Neill Forebay), TAF	VA Cemetery, TAF	Total Deliveries, TAF	Average EC at Check 13, µS/cm	Monthly Salt Load, thousand tons
Multiplier	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	NA	NA	NA
Water Year 2009												
Oct	0.1	0.1	0	0.1	0.9	4.7	0.3	0.1	0	6.4	508	2.8
Nov	0.1	0.1	0	0.1	0.3	2.7	0.2	0.1	0	3.6	612	1.8
Dec	0.1	0	0.1	0	0.3	0	0.1	0	0	0.7	753	0.4
Jan	0.1	0	0	0.3	0	0.7	0	0	0	1.2	828	0.8
Feb	0	0	0	0.3	0.4	1.8	0.5	0	0	3.1	846	2.2
Mar	0	0.1	0	0.8	1.6	3.7	0.2	0	0	6.3	667	3.5
Apr	0	0.1	0	1.1	2.9	6.5	0.7	0.1	0	11.4	543	5.2
May	0.1	0.1	0.2	1.7	3.1	9.5	0.7	0.1	0	15.5	541	7.1
Jun	0.1	0.2	0.8	0.8	4.2	10.2	1.0	0.1	0	17.4	556	8.1
Jul	0.1	0.2	1.5	0	4.1	11.3	1.0	0.1	0	18.4	308	4.8
Aug	0.1	0.2	0.7	0	2.4	7.3	0.5	0.1	0	11.2	440	4.2
Sep	0.1	0.1	0.2	0	1.0	4.4	0.2	0.1	0	6.2	514	2.7

Table A-3 Cont'd: WY 2000-2010 San Luis and Cross Valley Canal Deliveries from CVP (Grassland Subarea)

	CDFG - O'Neill Forebay WMA, TAF	City of Dos Palos, TAF	Pacheco WD, TAF	Pacheco CCID Non-project (Hamburg), TAF	Panoche WD, TAF	San Luis WD, TAF	San Luis WD - Ag (via O'Neill Forebay), TAF	San Luis WD - M&I (via O'Neill Forebay), TAF	VA Cemetery, TAF	Total Deliveries, TAF	Average EC at Check 13, µS/cm	Monthly Salt Load, thousand tons
Multiplier	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	NA	NA	NA
Water Year 2010												
Oct	0.1	0.1	0.1	0.1	0.8	4.4	0.2	0.1	0	5.8	475	2.3
Nov	0.1	0.1	0.2	0.1	0.4	2.8	0	0	0	3.6	521	1.6
Dec	0.1	0.1	0	0	0.3	0.2	0	0	0	0.7	631	0.4
Jan	0.1	0.1	0	0.1	0.3	0.3	0	0	0	0.8	774	0.5
Feb	0	0.1	0	0.4	0.9	1.2	0	0	0	2.6	617	1.4
Mar	0	0.1	0	0.7	1.5	3.8	0.2	0	0	6.4	626	3.4
Apr	0	0.1	0	0.4	1.8	4.6	0.3	0	0	7.1	405	3.9
May	0	0.1	0	1.2	3.6	8.3	0.7	0.1	0	14.0	279	5.3
Jun	0.1	0.2	0.9	0.8	7.0	11.2	1.2	0.1	0	21.5	210	6.1
Jul												
Aug												
Sep												

Table A-4: WY 2000-2010 Deliveries from CVP to Northwest Subarea

	San Joaquin River and Mendota Pool Deliveries from CVP					*Delta- Mendota Canal Deliveries from CVP*									
	China Island Unit (CDFG), TAF	Central California ID (CCID), TAF	Total Deliveries, TAF	Average TDS at Check 21, mg/L	Monthly Salt Load, thousand tons	Banta-Carbona ID, TAF	Del Puerto WD, TAF	Patterson WD, TAF	West Stanislaus ID, TAF	Central California ID (Abv Ck13), TAF	Central California ID (Blw Ck 13), TAF	China Island Unit (CDFG) (76), TAF	Total Deliveries, TAF	Average TDS at Headworks, mg/L	Monthly Salt Load, thousand tons
Multiplier	0.14	0.13	NA	NA	NA	0.06	0.79	1.00	0.96	0.13	0.13	0.14	NA	NA	NA
Water Year 2000															
Oct															
Nov															
Dec															
Jan	0	0	0	393	0	0	0.8	0.4	0	0.1	0.9	0	1.2	354	0.6
Feb	0	2.3	2.3	370	1.2	0	0	0.8	0	0	0	0	0.9	313	0.4
Mar	0	3.2	3.2	322	1.4	0	1.0	0	1.2	0.1	0.1	0	1.0	225	0.3
Apr	0	4.3	4.3	288	1.7	0	6.8	0.3	1.9	0.2	0.4	0	7.1	263	2.5
May	0	7.9	7.9	301	3.2	0	8.9	0.4	2.7	0.3	2.1	0	9.3	272	3.5
Jun	0	9.7	9.7	263	3.5	0	11.1	1.1	4.3	0.3	2.1	0	12.1	247	4.1
Jul	0	9.5	9.5	221	2.9	0.1	12.7	1.2	5.5	0.3	2.4	0	14.0	199	3.8
Aug	0	8.4	8.4	223	2.5	0	9.5	0.9	5.6	0.3	1.9	0	10.4	196	2.8
Sep	0	3.9	3.9	250	1.3	0	4.0	1.4	1.3	0.2	0	0	5.4	232	1.7

Table A-4 Cont'd: WY 2000-2010 Deliveries from CVP to Northwest Subarea

	San Joaquin River and Mendota Pool Deliveries from CVP					*Delta- Mendota Canal Deliveries from CVP*									
	China Island Unit (CDFG), TAF	Central California ID (CCID), TAF	Total Deliveries, TAF	Average TDS at Check 21, mg/L	Monthly Salt Load, thousand tons	Banta-Carbona ID, TAF	Del Puerto WD, TAF	Patterson WD, TAF	West Stanislaus ID, TAF	Central California ID (Abv Ck13), TAF	Central California ID (Blw Ck 13), TAF	China Island Unit (CDFG) (76), TAF	Total Deliveries, TAF	Average TDS at Headworks, mg/L	Monthly Salt Load, thousand tons
Multiplier	0.14	0.13	NA	NA	NA	0.06	0.79	1.00	0.96	0.13	0.13	0.14	NA	NA	NA
Water Year 2001															
Oct	0	3.2	3.2	320	1.4	0	0.2	0.2	0	0.1	0	0	0.4	276	0.1
Nov	0	1.5	1.5	343	0.7	0	0.1	0	0	0	0	0	0.1	341	0.1
Dec	0	1.4	1.4	406	0.8	0	0.3	0	0.2	0	0	0	0.3	400	0.2
Jan	0	0.6	0.6	465	0.4	0	0.4	0	0.8	0	0	0	0.4	416	0.2
Feb	0	3.3	3.3	411	1.8	0	0.3	0.5	0.7	0	0.1	0	0.9	368	0.4
Mar	0	3.5	3.5	398	1.9	0	1.9	0	1.2	0.1	0.2	0	1.9	423	1.1
Apr	0	3.7	3.7	379	1.9	0	5.3	0.1	3.4	0.2	1.0	0	5.5	338	2.5
May	0	8.1	8.1	319	3.5	0	10.3	0.5	4.2	0.3	2.5	0	10.8	279	4.1
Jun	0	9.5	9.5	291	3.8	0	9.7	0.2	2.9	0.3	2.4	0	9.9	230	3.1
Jul	0	9.4	9.4	241	3.1	0	11.1	1.9	3.5	0.3	1.6	0	13.0	236	4.2
Aug	0	8.2	8.2	328	3.7	0	8.3	2.1	3.3	0.4	1.5	0	10.4	310	4.4
Sep	0	1.4	1.4	412	0.8	0	4.2	0.9	2.0	0.2	0	0	5.0	375	2.6

Table A-4 Cont'd: WY 2000-2010 Deliveries from CVP to Northwest Subarea

	San Joaquin River and Mendota Pool Deliveries from CVP					*Delta- Mendota Canal Deliveries from CVP*									
	China Island Unit (CDFG), TAF	Central California ID (CCID), TAF	Total Deliveries, TAF	Average TDS at Check 21, mg/L	Monthly Salt Load, thousand tons	Banta-Carbona ID, TAF	Del Puerto WD, TAF	Patterson WD, TAF	West Stanislaus ID, TAF	Central California ID (Abv Ck13), TAF	Central California ID (Blw Ck 13), TAF	China Island Unit (CDFG) (76), TAF	Total Deliveries, TAF	Average TDS at Headworks, mg/L	Monthly Salt Load, thousand tons
Multiplier	0.14	0.13	NA	NA	NA	0.06	0.79	1.00	0.96	0.13	0.13	0.14	NA	NA	NA
Water Year 2002															
Oct	0	4.1	4.1	386	2.2	0	2.7	0.3	2.2	0.1	1.2	0	3.0	349	1.4
Nov	0	1.8	1.8	371	0.9	0	0.7	0	0.5	0	0.6	0	0.8	274	0.3
Dec	0	0	0	396	0	0	0	0	0	0	0.1	0.1	0	270	0
Jan	0	0.1	0.1	405	0	0	0	0	0	0	0	0	0	314	0
Feb	0	3.3	3.3	381	1.7	0	1.5	0	0.9	0.1	0.1	0	1.5	368	0.8
Mar	0	4.5	4.5	400	2.5	0	2.4	0.1	2.3	0.2	1.1	0.1	2.5	380	1.3
Apr	0	3.7	3.7	336	1.7	0	7.8	0.3	3.8	0.2	0.9	0.1	8.1	294	3.3
May	0	6.1	6.1	306	2.5	0	7.8	0.9	3.7	0.3	3.0	0	8.8	294	3.5
Jun	0	9.5	9.5	285	3.7	0	12.0	0.9	7.2	0.3	2.3	0.2	12.9	246	4.3
Jul	0	9.6	9.6	222	2.9	0	12.5	1.3	9.3	0.3	2.6	0.1	13.9	210	4.0
Aug	0	8.6	8.6	303	3.6	0	8.9	1.1	4.2	0.3	2.6	0.1	10.0	288	3.9
Sep	0	3.5	3.5	374	1.8	0	4.8	0.8	1.9	0.2	0	0	5.6	372	2.8

Table A-4 Cont'd: WY 2000-2010 Deliveries from CVP to Northwest Subarea

	San Joaquin River and Mendota Pool Deliveries from CVP					*Delta- Mendota Canal Deliveries from CVP*									
	China Island Unit (CDFG), TAF	Central California ID (CCID), TAF	Total Deliveries, TAF	Average TDS at Check 21, mg/L	Monthly Salt Load, thousand tons	Banta-Carbona ID, TAF	Del Puerto WD, TAF	Patterson WD, TAF	West Stanislaus ID, TAF	Central California ID (Abv Ck13), TAF	Central California ID (Blw Ck 13), TAF	China Island Unit (CDFG) (76), TAF	Total Deliveries, TAF	Average TDS at Headworks, mg/L	Monthly Salt Load, thousand tons
Multiplier	0.14	0.13	NA	NA	NA	0.06	0.79	1.00	0.96	0.13	0.13	0.14	NA	NA	NA
Water Year 2003															
Oct	0	3.0	3.0	387	1.6	0	4.1	0.4	1.5	0.1	0	0	4.6	377	2.4
Nov	0	0.9	0.9	367	0.4	0	0.6	0	0.5	0	0.3	0	0.6	337	0.3
Dec	0	0	0	414	0	0	0.1	0	0	0	0	0	0.1	329	0
Jan	0	0	0	401	0	0	0.1	0	0	0	0	0	0.1	345	0.1
Feb	0	4.9	4.9	362	2.4	0	1.4	0.2	0.5	0	0.2	0.1	1.6	340	0.7
Mar	0	4.2	4.2	379	2.2	0	2.8	0.4	1.5	0.1	0.6	0.1	3.1	371	1.6
Apr	0	2.8	2.8	317	1.2	0	6.1	0.3	3.9	0.1	0.1	0.1	6.4	301	2.6
May	0	4.8	4.8	313	2.1	0	8.7	0.9	4.0	0.3	1.3	0.1	9.6	305	4.0
Jun	0	10.1	10.1	203	2.8	0	11.9	1.1	4.8	0.3	1.9	0	13.0	181	3.2
Jul	0	11.8	11.8	172	2.8	0.1	14.7	1.6	7.9	0.3	3.2	0.1	16.3	163	3.6
Aug	0	12.0	12.0	236	3.9	0	9.5	0.9	6.9	0.3	1.4	0	10.5	183	2.6
Sep	0	3.8	3.8	242	1.2	0	6.4	0.4	5.2	0.3	0	0	6.8	229	2.1

Table A-4 Cont'd: WY 2000-2010 Deliveries from CVP to Northwest Subarea

	San Joaquin River and Mendota Pool Deliveries from CVP					*Delta- Mendota Canal Deliveries from CVP*									
	China Island Unit (CDFG), TAF	Central California ID (CCID), TAF	Total Deliveries, TAF	Average TDS at Check 21, mg/L	Monthly Salt Load, thousand tons	Banta-Carbona ID, TAF	Del Puerto WD, TAF	Patterson WD, TAF	West Stanislaus ID, TAF	Central California ID (Abv Ck13), TAF	Central California ID (Blw Ck 13), TAF	China Island Unit (CDFG) (76), TAF	Total Deliveries, TAF	Average TDS at Headworks, mg/L	Monthly Salt Load, thousand tons
Multiplier	0.14	0.13	NA	NA	NA	0.06	0.79	1.00	0.96	0.13	0.13	0.14	NA	NA	NA
Water Year 2004															
Oct	0	4.1	4.1	333	1.8	0	3.5	0.3	2.5	0.1	0	0	3.7	329	1.7
Nov	0	0.5	0.5	356	0.2	0	0.5	0.1	0.3	0	0	0	0.6	349	0.3
Dec	0	0	0	366	0	0	0.2	0	0	0	0	0.1	0.2	407	0.1
Jan	0	0	0	360	0	0	0	0	0.1	0.1	0.2	0	0	355	0
Feb	0	3.9	3.9	356	1.9	0	0.3	0.1	0.3	0.1	0.1	0	0.4	359	0.2
Mar	0	4.6	4.6	352	2.2	0	3.7	1.1	2.1	0.2	0.9	0	4.7	335	2.2
Apr	0	4.4	4.4	306	1.8	0	9.3	0.4	4.0	0.2	0.6	0.1	9.8	257	3.4
May	0	7.7	7.7	305	3.2	0	11.5	0.7	4.3	0.3	2.1	0	12.2	309	5.1
Jun	0	8.2	8.2	286	3.2	0	12.1	0.6	4.6	0.2	2.4	0	12.7	235	4.1
Jul	0	10.2	10.2	241	3.4	0	14.0	1.2	7.6	0.3	3.5	0.1	15.3	187	3.9
Aug	0	8.2	8.2	250	2.8	0	9.7	1.0	4.6	0.2	1.5	0.1	10.7	188	2.7
Sep	0	7.2	7.2	309	3.0	0	5.6	0.8	0.3	0.2	0	0	6.4	246	2.1

Table A-4 Cont'd: WY 2000-2010 Deliveries from CVP to Northwest Subarea

	San Joaquin River and Mendota Pool Deliveries from CVP					*Delta- Mendota Canal Deliveries from CVP*									
	China Island Unit (CDFG), TAF	Central California ID (CCID), TAF	Total Deliveries, TAF	Average TDS at Check 21, mg/L	Monthly Salt Load, thousand tons	Banta-Carbona ID, TAF	Del Puerto WD, TAF	Patterson WD, TAF	West Stanislaus ID, TAF	Central California ID (Abv Ck13), TAF	Central California ID (Blw Ck 13), TAF	China Island Unit (CDFG) (76), TAF	Total Deliveries, TAF	Average TDS at Headworks, mg/L	Monthly Salt Load, thousand tons
Multiplier	0.14	0.13	NA	NA	NA	0.06	0.79	1.00	0.96	0.13	0.13	0.14	NA	NA	NA
Water Year 2005															
Oct	0	8.2	8.2	348	3.9	0	2.4	0.2	0.5	0.1	0	0	2.6	329	1.2
Nov	0	2.6	2.6	350	1.2	0	0.1	0	0.1	0	0	0	0.1	338	0
Dec	0	0	0	471	0	0	0.2	0	0	0.1	0	0.1	0.2	407	0.1
Jan	0.1	0	0.1	399	0	0	0	0	0	0.1	0	0	0	340	0
Feb	0.1	1.9	2.0	379	1.0	0	0	0.1	0	0	0.1	0	0.2	371	0.1
Mar	0	3.4	3.4	308	1.4	0	0.8	0	0.3	0	0.1	0.1	0.9	341	0.4
Apr	0	3.0	3.0	297	1.2	0	5.2	0.2	2.5	0.1	0	0.1	5.4	220	1.6
May	0	5.4	5.4	338	2.5	0	8.2	0.5	3.1	0.2	0.1	0	8.7	166	2.0
Jun	0	10.0	10.1	182	2.5	0	10.1	0.6	2.6	0.2	1.2	0	10.7	145	2.1
Jul	0	12.5	12.5	216	3.7	0.1	15.0	1.4	6.0	0.3	2.9	0.1	16.6	169	3.8
Aug	0	11.1	11.1	242	3.7	0	11.6	1.0	8.2	0.4	2.2	0.1	12.6	211	3.6
Sep	0.1	5.0	5.2	270	1.9	0	6.8	1.7	5.4	0.3	0	0	8.5	224	2.6

Table A-4 Cont'd: WY 2000-2010 Deliveries from CVP to Northwest Subarea

	San Joaquin River and Mendota Pool Deliveries from CVP					*Delta- Mendota Canal Deliveries from CVP*									
	China Island Unit (CDFG), TAF	Central California ID (CCID), TAF	Total Deliveries, TAF	Average TDS at Check 21, mg/L	Monthly Salt Load, thousand tons	Banta-Carbona ID, TAF	Del Puerto WD, TAF	Patterson WD, TAF	West Stanislaus ID, TAF	Central California ID (Abv Ck13), TAF	Central California ID (Blw Ck 13), TAF	China Island Unit (CDFG) (76), TAF	Total Deliveries, TAF	Average TDS at Headworks, mg/L	Monthly Salt Load, thousand tons
Multiplier	0.14	0.13	NA	NA	NA	0.06	0.79	1.00	0.96	0.13	0.13	0.14	NA	NA	NA
Water Year 2006															
Oct	0.1	2.8	3.0	247	1.0	0	3.9	0.4	3.5	0.1	0	0	4.3	230	1.4
Nov	0	2.7	2.7	336	1.2	0	1.5	0.2	1.7	0.1	0.2	0.1	1.7	317	0.7
Dec	0	0	0	352	0	0	0.4	0.1	0.6	0.1	0.4	0.2	0.5	364	0.3
Jan	0	0	0	337	0	0	0	0	0	0	0	0.1	0	178	0
Feb	0.1	4.7	4.8	319	2.1	0	1.6	0	1.3	0.1	0	0.1	1.6	231	0.5
Mar	0.1	2.1	2.2	320	0.9	0	0.7	0.1	0.7	0.1	0	0	0.8	167	0.2
Apr	0	0.6	0.6	396	0.3	0	0.8	0	0.6	0	0.1	0	0.8	142	0.2
May	0	6.4	6.4	438	3.8	0.1	9.7	1.2	5.4	0.2	0.1	0	11.0	98	1.5
Jun	0	9.0	9.0	345	4.2	0	12.4	1.2	5.8	0.4	1.6	0	13.6	112	2.1
Jul	0	13.7	13.8	216	4.0	0	14.7	2.3	7.2	0.3	2.4	0.1	16.9	213	4.9
Aug	0	11.7	11.7	223	3.6	0	11.4	0.8	5.7	0.4	1.8	0.1	12.2	176	2.9
Sep	0.1	6.0	6.1	217	1.8	0	7.1	0.4	3.5	0.4	0	0	7.5	186	1.9

Table A-4 Cont'd: WY 2000-2010 Deliveries from CVP to Northwest Subarea

	San Joaquin River and Mendota Pool Deliveries from CVP					*Delta- Mendota Canal Deliveries from CVP*									
	China Island Unit (CDFG), TAF	Central California ID (CCID), TAF	Total Deliveries, TAF	Average TDS at Check 21, mg/L	Monthly Salt Load, thousand tons	Banta-Carbona ID, TAF	Del Puerto WD, TAF	Patterson WD, TAF	West Stanislaus ID, TAF	Central California ID (Abv Ck13), TAF	Central California ID (Blw Ck 13), TAF	China Island Unit (CDFG) (76), TAF	Total Deliveries, TAF	Average TDS at Headworks, mg/L	Monthly Salt Load, thousand tons
Multiplier	0.14	0.13	NA	NA	NA	0.06	0.79	1.00	0.96	0.13	0.13	0.14	NA	NA	NA
Water Year 2007															
Oct	0.3	4.1	4.3	211	1.3	0	3.2	0	1.7	0.2	0	0	3.2	194	0.8
Nov	0.2	1.8	2.0	251	0.7	0	0.9	0.1	0.7	0	0	0	1.0	281	0.4
Dec	0.1	1.7	1.8	331	0.8	0	0.4	0	0.3	0.1	0	0	0.4	333	0.2
Jan	0.1	0.8	1.0	399	0.5	0	1.4	0.1	1.6	0	0.1	0	1.6	319	0.7
Feb	0	4.7	4.7	386	2.5	0	1.6	0	1.0	0	0.6	0.1	1.6	348	0.8
Mar	0	2.8	2.9	344	1.3	0	6.9	0.7	4.1	0.3	1.1	0.1	7.6	308	3.2
Apr	0	2.8	2.9	315	1.2	0	9.0	0.6	2.8	0.2	0.8	0.1	9.6	261	3.4
May	0	6.7	6.7	299	2.7	0	10.0	0.7	2.1	0.3	2.8	0.1	10.7	272	4.0
Jun	0	8.0	8.1	308	3.4	0	10.7	1.2	3.0	0.3	3.3	0.1	11.9	293	4.7
Jul	0	9.7	9.7	232	3.1	0	11.7	1.0	5.8	0.4	3.6	0.1	12.7	207	3.6
Aug	0	6.6	6.6	304	2.7	0	8.1	0.4	5.6	0.4	2.7	0.1	8.5	289	3.4
Sep	0.2	2.3	2.5	364	1.2	0	4.4	0.1	0.7	0.3	0	0	4.5	346	2.1

Table A-4 Cont'd: WY 2000-2010 Deliveries from CVP to Northwest Subarea

	San Joaquin River and Mendota Pool Deliveries from CVP					*Delta- Mendota Canal Deliveries from CVP*									
	China Island Unit (CDFG), TAF	Central California ID (CCID), TAF	Total Deliveries, TAF	Average TDS at Check 21, mg/L	Monthly Salt Load, thousand tons	Banta-Carbona ID, TAF	Del Puerto WD, TAF	Patterson WD, TAF	West Stanislaus ID, TAF	Central California ID (Abv Ck13), TAF	Central California ID (Blw Ck 13), TAF	China Island Unit (CDFG) (76), TAF	Total Deliveries, TAF	Average TDS at Headworks, mg/L	Monthly Salt Load, thousand tons
Multiplier	0.14	0.13	NA	NA	NA	0.06	0.79	1.00	0.96	0.13	0.13	0.14	NA	NA	NA
Water Year 2008															
Oct	0.1	3.6	3.7	329	1.6	0	1.6	0	0	0.2	0	0	1.7	319	0.7
Nov	0.1	0.2	0.2	345	0.1	0	1.0	0.6	0	0	0	0	1.6	329	0.7
Dec	0.1	0.3	0.4	375	0.2	0	0.1	0.3	0	0	0	0	0.4	380	0.2
Jan	0.1	0	0.1	451	0.1	0	0	0	0	0	0.1	0	0	416	0
Feb	0.1	2.3	2.4	384	1.3	0	0.2	0.4	0	0	0.1	0	0.6	358	0.3
Mar	0	6.0	6.0	415	3.4	0	3.5	0	0.7	0.2	1.2	0.1	3.6	427	2.1
Apr	0	3.7	3.7	361	1.8	0	6.7	0.2	2.8	0.2	1.0	0.1	6.9	335	3.2
May	0	7.2	7.3	352	3.5	0	7.4	0.6	1.9	0.3	1.6	0	8.0	280	3.1
Jun	0	6.5	6.5	362	3.2	0	6.7	0.9	2.8	0.3	2.7	0	7.6	340	3.5
Jul	0	8.6	8.6	271	3.2	0	7.0	1.0	3.4	0.2	3.6	0.1	8.0	240	2.6
Aug	0	6.9	6.9	336	3.2	0	7.3	1.0	3.8	0.3	3.6	0.1	8.3	315	3.6
Sep	0.1	4.0	4.1	393	2.2	0	4.2	1.5	1.5	0.2	0.1	0	5.7	355	2.7

Table A-4 Cont'd: WY 2000-2010 Deliveries from CVP to Northwest Subarea

	San Joaquin River and Mendota Pool Deliveries from CVP					*Delta- Mendota Canal Deliveries from CVP*									
	China Island Unit (CDFG), TAF	Central California ID (CCID), TAF	Total Deliveries, TAF	Average TDS at Check 21, mg/L	Monthly Salt Load, thousand tons	Banta-Carbona ID, TAF	Del Puerto WD, TAF	Patterson WD, TAF	West Stanislaus ID, TAF	Central California ID (Abv Ck13), TAF	Central California ID (Blw Ck 13), TAF	China Island Unit (CDFG) (76), TAF	Total Deliveries, TAF	Average TDS at Headworks, mg/L	Monthly Salt Load, thousand tons
Multiplier	0.14	0.13	NA	NA	NA	0.06	0.79	1.00	0.96	0.13	0.13	0.14	NA	NA	NA
Water Year 2009															
Oct	0.1	4.0	4.1	330	1.9	0	2.3	0.6	0	0.1	0	0	2.9	225	0.9
Nov	0.1	0.2	0.4	320	0.2	0	0.8	0.1	0	0	0	0	0.9	179	0.2
Dec	0	0	0	504	0	0	0.2	0	0	0.1	0	0.2	0.2	483	0.2
Jan	0	0	0	571	0	0	0.3	0	0	0	0	0.1	0.5	527	0.3
Feb	0.1	1.5	1.6	557	1.2	0	0.2	0.1	0	0	0	0	0.4	532	0.3
Mar	0	4.1	4.1	449	2.5	0	1.4	0	0	0.2	1.8	0	3.5	399	1.9
Apr	0	3.1	3.1	381	1.6	0	3.3	0.2	0	0.2	1.1	0	4.8	323	2.1
May	0	6.6	6.6	366	3.3	0	5.5	0.2	0	0.4	2.4	0.1	8.5	269	3.1
Jun	0	7.7	7.7	376	3.9	0	5.7	0.2	0.4	0.2	2.7	0	9.2	384	4.8
Jul	0	9.1	9.1	223	2.8	0.1	7.5	0.5	3.5	0.3	4.2	0.1	16.2	235	5.2
Aug	0	7.2	7.2	308	3.0	0	5.2	0.5	1.0	0.3	3.5	0.1	10.7	325	4.7
Sep	0.1	5.4	5.5	361	2.7	0	3.0	0.3	0	0.2	0	0.1	3.6	379	1.9

Table A-4 Cont'd: WY 2000-2010 Deliveries from CVP to Northwest Subarea

	San Joaquin River and Mendota Pool Deliveries from CVP					*Delta- Mendota Canal Deliveries from CVP*									
	China Island Unit (CDFG), TAF	Central California ID (CCID), TAF	Total Deliveries, TAF	Average TDS at Check 21, mg/L	Monthly Salt Load, thousand tons	Banta-Carbona ID, TAF	Del Puerto WD, TAF	Patterson WD, TAF	West Stanislaus ID, TAF	Central California ID (Abv Ck13), TAF	Central California ID (Blw Ck 13), TAF	China Island Unit (CDFG) (76), TAF	Total Deliveries, TAF	Average TDS at Headworks, mg/L	Monthly Salt Load, thousand tons
Multiplier	0.14	0.13	NA	NA	NA	0.06	0.79	1.00	0.96	0.13	0.13	0.14	NA	NA	NA
Water Year 2010															
Oct	0.1	1.2	1.3	357	0.6	0	0.7	0.1	0	0.1	0	0	0.9	317	0.4
Nov	0.1	0.7	0.8	349	0.4	0	0.7	0	0	0	0.5	0.1	1.3	342	0.6
Dec	0	0	0	398	0	0	0.2	0.1	0	0	0.1	0.1	0.5	405	0.3
Jan	0	0	0	505	0	0	0	0	0	0	0	0.1	0.2	496	0.1
Feb	0.1	0.7	0.8	458	0.5	0	0.1	0.4	0	0	0	0	0.6	388	0.3
Mar	0	3.0	3.1	398	1.7	0	0.9	0	0	0.1	1.1	0.1	2.2	396	1.2
Apr	0.1	1.3	1.4	453	0.9	0	1.4	0.1	0	0.1	0.1	0	1.7	353	0.8
May	0	7.6	7.6	315	3.3	0	6.2	0.5	0	0.3	1.6	0.1	8.6	213	2.5
Jun	0	10.0	10.1	221	3.0	0	8.0	0.7	0.8	0.3	1.7	0.1	11.6	198	3.1
Jul															
Aug															
Sep															

Table A-5: Calculation of WY2000-2010 CVP Allocations and Loads

	Grassland Subarea						**Northwest Subarea**					**Total**
	San Joaquin River and Mendota Pool Deliveries from CVP, load in thousand tons	Delta- Mendota Canal Deliveries from CVP, load in thousand tons	San Luis and Cross Valley Canal Deliveries from CVP, load in thousand tons	Total Flow, TAF	Load Allocation, thousand tons	Actual Load – Load Allocation, thousand tons	San Joaquin River and Mendota Pool Deliveries from CVP, load in thousand tons	Delta- Mendota Canal Deliveries from CVP, load in thousand tons	Total Flow, TAF	Load Allocation, thousand tons	Actual Load – Load Allocation, thousand tons	Total DMC Actual Load – Load Allocation, thousand tons
Water Year 2000												
Oct												
Nov												
Dec												
Jan	5.0	5.9	1.5	27.2	1.9	10.5	0	0.6	1.2	0.1	0.5	**11.0**
Feb	15.8	2.0	2.9	43.3	3.1	17.7	1.2	0.4	3.2	0.2	1.3	**19.0**
Mar	21.8	1.1	2.1	31.0	4.3	20.6	1.4	0.3	4.2	0.3	1.4	**22.0**
Apr	20.3	2.6	3.0	69.2	4.9	21.0	1.7	2.5	11.4	0.8	3.4	**24.5**
May	33.1	10.1	5.7	124.9	8.8	40.1	3.2	3.5	17.2	1.2	5.5	**45.5**
Jun	41.6	9.7	8.7	175.8	12.4	47.6	3.5	4.1	21.9	1.5	6.0	**53.6**
Jul	35.4	10.1	7.8	187.1	13.2	40.0	2.9	3.8	23.5	1.7	5.0	**45.0**
Aug	34.5	8.8	4.8	167.3	11.8	36.3	2.5	2.8	18.8	1.3	4.0	**40.3**
Sep	39.5	13.0	1.4	163.8	11.6	42.3	1.3	1.7	9.3	0.7	2.4	**44.6**
							WY2000 Total:					**NA**

Table A-5 Cont'd: Calculation of WY2000-2010 CVP Allocations and Loads

	Grassland Subarea						**Northwest Subarea**					**Total**
	San Joaquin River and Mendota Pool Deliveries from CVP, load in thousand tons	Delta- Mendota Canal Deliveries from CVP, load in thousand tons	San Luis and Cross Valley Canal Deliveries from CVP, load in thousand tons	Total Flow, TAF	Load Allocation, thousand tons	Actual Load – Load Allocation, thousand tons	San Joaquin River and Mendota Pool Deliveries from CVP, load in thousand tons	Delta- Mendota Canal Deliveries from CVP, load in thousand tons	Total Flow, TAF	Load Allocation, thousand tons	Actual Load – Load Allocation, thousand tons	Total DMC Actual Load – Load Allocation, thousand tons
Water Year 2001												
Oct	26.1	5.4	1.1	76.9	5.4	27.2	1.4	0.1	3.6	0.3	1.3	**28.5**
Nov	13.0	1.5	0.5	32.4	2.3	12.7	0.7	0.1	1.7	0.1	0.7	**13.4**
Dec	19.5	0.9	1.4	39.6	2.8	18.9	0.8	0.2	1.7	0.1	0.8	**19.8**
Jan	17.5	0.9	3.0	34.2	2.4	18.9	0.4	0.2	1.0	0.1	0.6	**19.5**
Feb	31.2	2.4	5.8	72.3	5.1	34.3	1.8	0.4	4.2	0.3	2.0	**36.3**
Mar	25.1	2.7	2.7	57.4	4.1	26.5	1.9	1.1	5.3	0.4	2.6	**29.1**
Apr	23.4	4.4	3.2	63.0	4.5	26.6	1.9	2.5	9.2	0.6	3.8	**30.3**
May	38.9	12.1	6.3	137.7	9.7	47.7	3.5	4.1	18.9	1.3	6.3	**53.9**
Jun	48.4	12.3	9.2	183.6	13.0	56.9	3.8	3.1	19.4	1.4	5.5	**62.4**
Jul	42.6	11.6	8.4	197.7	14.0	48.6	3.1	4.2	22.4	1.6	5.7	**54.3**
Aug	48.5	13.9	7.1	161.2	11.4	58.2	3.7	4.4	18.6	1.6	6.7	**64.9**
Sep	55.9	19.6	2.1	142.8	10.1	67.6	0.8	2.6	6.4	0.5	2.9	**70.5**
									WY2001 Total:			**482.8**

Table A-5 Cont'd: Calculation of WY2000-2010 CVP Allocations and Loads

	Grassland Subarea						**Northwest Subarea**					**Total**
	San Joaquin River and Mendota Pool Deliveries from CVP, load in thousand tons	Delta- Mendota Canal Deliveries from CVP, load in thousand tons	San Luis and Cross Valley Canal Deliveries from CVP, load in thousand tons	Total Flow, TAF	Load Allocation, thousand tons	Actual Load – Load Allocation, thousand tons	San Joaquin River and Mendota Pool Deliveries from CVP, load in thousand tons	Delta- Mendota Canal Deliveries from CVP, load in thousand tons	Total Flow, TAF	Load Allocation, thousand tons	Actual Load – Load Allocation, thousand tons	Total DMC Actual Load – Load Allocation, thousand tons
Water Year 2002												
Oct	34.4	9.7	2.2	89.5	6.3	40.0	2.2	1.4	7.2	0.5	3.1	**43.1**
Nov	17.2	3.4	1.0	43.4	3.1	18.5	0.9	0.3	2.5	0.2	1.0	**19.5**
Dec	4.2	6.7	0.6	22.0	1.6	9.9	0	0	0	0	0	**9.9**
Jan	4.0	2.7	1.9	17.7	1.2	7.4	0	0	0.1	0	0	**7.4**
Feb	30.5	6.7	5.8	84.6	6.0	37.0	1.7	0.8	4.8	0.3	2.1	**39.2**
Mar	27.3	6.6	5.6	75.2	5.3	34.3	2.5	1.3	7.1	0.5	3.3	**37.6**
Apr	23.7	6.8	4.2	78.8	5.6	29.2	1.7	3.3	11.9	0.8	4.1	**33.3**
May	27.4	11.2	6.1	110.7	7.8	36.9	2.5	3.5	14.8	1.0	5.0	**41.9**
Jun	44.1	13.1	8.8	178.7	12.6	53.4	3.7	4.3	22.5	1.6	6.4	**59.8**
Jul	38.8	11.9	8.8	206.3	14.6	45.0	2.9	3.9	23.5	1.7	5.2	**50.2**
Aug	43.2	14.2	6.5	160.4	11.3	52.6	3.6	3.9	18.6	1.3	6.2	**58.8**
Sep	36.1	12.6	2.0	101.8	7.2	43.5	1.8	2.8	9.1	0.6	4.0	**47.5**
									WY2002 Total:			**448.1**

Table A-5 Cont'd: Calculation of WY2000-2010 CVP Allocations and Loads

	Grassland Subarea						**Northwest Subarea**					**Total**
	San Joaquin River and Mendota Pool Deliveries from CVP, load in thousand tons	Delta- Mendota Canal Deliveries from CVP, load in thousand tons	San Luis and Cross Valley Canal Deliveries from CVP, load in thousand tons	Total Flow, TAF	Load Allocation, thousand tons	Actual Load – Load Allocation, thousand tons	San Joaquin River and Mendota Pool Deliveries from CVP, load in thousand tons	Delta- Mendota Canal Deliveries from CVP, load in thousand tons	Total Flow, TAF	Load Allocation, thousand tons	Actual Load – Load Allocation, thousand tons	Total DMC Actual Load – Load Allocation, thousand tons
Water Year 2003												
Oct	75.8	14.4	2.2	178.4	12.6	79.9	1.6	2.4	7.6	0.5	3.4	**83.3**
Nov	20.1	2.4	1.4	48.4	3.4	20.5	0.4	0.3	1.5	0.1	0.6	**21.1**
Dec	17.6	2.2	0.8	37.2	2.6	18.1	0	0	0.1	0	0	**18.1**
Jan	10.1	4.8	2.6	34.3	2.4	15.2	0	0.1	0.2	0	0.1	**15.2**
Feb	27.1	8.8	6.1	88.5	6.3	35.7	2.4	0.7	6.5	0.5	2.7	**38.4**
Mar	29.0	6.8	4.3	80.2	5.7	34.4	2.2	1.6	7.3	0.5	3.2	**37.6**
Apr	18.3	2.7	4.4	60.9	4.3	21.1	1.2	2.6	9.3	0.7	3.2	**24.3**
May	30.1	9.9	5.4	111.0	7.8	37.5	2.1	4.0	14.4	1.0	5.0	**42.6**
Jun	32.1	8.3	6.5	173.9	12.3	34.6	2.8	3.2	23.0	1.6	4.3	**38.9**
Jul	30.9	9.1	6.7	208.7	14.7	32.0	2.8	3.6	28.2	2.0	4.4	**36.4**
Aug	46.2	8.2	4.8	199.5	14.1	45.1	3.9	2.6	22.5	1.6	4.9	**49.9**
Sep	41.4	10.9	1.5	167.5	11.8	42.0	1.2	2.1	10.6	0.7	2.6	**44.6**
									WY2003 Total:			**450.4**

Table A-5 Cont'd: Calculation of WY2000-2010 CVP Allocations and Loads

	Grassland Subarea						**Northwest Subarea**					**Total**
	San Joaquin River and Mendota Pool Deliveries from CVP, load in thousand tons	Delta- Mendota Canal Deliveries from CVP, load in thousand tons	San Luis and Cross Valley Canal Deliveries from CVP, load in thousand tons	Total Flow, TAF	Load Allocation, thousand tons	Actual Load – Load Allocation, thousand tons	San Joaquin River and Mendota Pool Deliveries from CVP, load in thousand tons	Delta- Mendota Canal Deliveries from CVP, load in thousand tons	Total Flow, TAF	Load Allocation, thousand tons	Actual Load – Load Allocation, thousand tons	Total DMC Actual Load – Load Allocation, thousand tons
Water Year 2004												
Oct	36.9	9.1	2.2	108.1	7.6	40.6	1.8	1.7	7.8	0.6	3.0	**43.5**
Nov	14.1	5.7	1.0	43.9	3.1	17.6	0.2	0.3	1.1	0.1	0.4	**18.1**
Dec	4.8	6.7	1.3	24.9	1.8	11.0	0	0.1	0.2	0	0.1	**11.1**
Jan	8.7	5.3	3.2	36.8	2.6	14.7	0	0	0	0	0	**14.7**
Feb	26.6	5.2	4.9	76.8	5.4	31.3	1.9	0.2	4.3	0.3	1.8	**33.0**
Mar	26.1	5.4	4.5	77.7	5.5	30.6	2.2	2.2	9.4	0.7	3.7	**34.3**
Apr	22.4	5.7	4.7	83.4	5.9	26.9	1.8	3.4	14.1	1.0	4.2	**31.1**
May	37.0	13.3	7.9	146.2	10.3	48.0	3.2	5.1	19.8	1.4	6.9	**54.9**
Jun	40.9	13.2	10.6	174.9	12.4	52.4	3.2	4.1	20.9	1.5	5.8	**58.1**
Jul	38.8	12.3	8.4	189.6	13.4	46.1	3.4	3.9	25.5	1.8	5.4	**51.5**
Aug	34.4	10.8	5.0	153.6	10.9	39.3	2.8	2.7	18.8	1.3	4.2	**43.5**
Sep	40.8	10.0	2.2	128.2	9.1	43.9	3.0	2.1	13.6	1.0	4.2	**48.1**
									WY2004 Total:			**441.9**

Table A-5 Cont'd: Calculation of WY2000-2010 CVP Allocations and Loads

	Grassland Subarea						**Northwest Subarea**					**Total**
	San Joaquin River and Mendota Pool Deliveries from CVP, load in thousand tons	Delta- Mendota Canal Deliveries from CVP, load in thousand tons	San Luis and Cross Valley Canal Deliveries from CVP, load in thousand tons	Total Flow, TAF	Load Allocation, thousand tons	Actual Load – Load Allocation, thousand tons	San Joaquin River and Mendota Pool Deliveries from CVP, load in thousand tons	Delta- Mendota Canal Deliveries from CVP, load in thousand tons	Total Flow, TAF	Load Allocation, thousand tons	Actual Load – Load Allocation, thousand tons	Total DMC Actual Load – Load Allocation, thousand tons
Water Year 2005												
Oct	50.7	13.1	1.7	141.0	10.	55.5	3.9	1.2	10.8	0.8	4.3	**59.8**
Nov	22.1	2.5	0.4	53.0	3.7	21.3	1.2	0	2.7	0.2	1.1	**22.3**
Dec	0	7.5	0.4	14.9	1.1	6.8	0	0.1	0.2	0	0.1	**6.9**
Jan	6.4	1.3	1.3	17.5	1.2	7.8	0	0	0.1	0	0	**7.8**
Feb	16.7	2.6	2.7	43.5	3.1	18.9	1.0	0.1	2.2	0.2	1.0	**19.9**
Mar	16.1	3.6	3.6	54.0	3.8	19.5	1.4	0.4	4.2	0.3	1.5	**21.0**
Apr	14.7	2.3	3.0	54.9	3.9	16.2	1.2	1.6	8.4	0.6	2.2	**18.4**
May	27.5	3.3	3.3	87.6	6.2	27.9	2.5	2.0	14.1	1.0	3.4	**31.4**
Jun	27.0	5.0	4.9	164.8	11.6	25.2	2.5	2.1	20.8	1.5	3.1	**28.4**
Jul	38.4	9.2	7.8	202.3	14.3	41.1	3.7	3.8	29.1	2.1	5.4	**46.6**
Aug	38.8	11.3	6.8	180.1	12.7	44.0	3.7	3.6	23.7	1.7	5.6	**49.6**
Sep	29.6	12.2	2.1	121.7	8.6	35.3	1.9	2.6	13.7	1.0	3.5	**38.9**
									WY2005 Total:			**350.9**

Table A-5 Cont'd: Calculation of WY2000-2010 CVP Allocations and Loads

	Grassland Subarea						**Northwest Subarea**					**Total**
	San Joaquin River and Mendota Pool Deliveries from CVP, load in thousand tons	Delta- Mendota Canal Deliveries from CVP, load in thousand tons	San Luis and Cross Valley Canal Deliveries from CVP, load in thousand tons	Total Flow, TAF	Load Allocation, thousand tons	Actual Load – Load Allocation, thousand tons	San Joaquin River and Mendota Pool Deliveries from CVP, load in thousand tons	Delta- Mendota Canal Deliveries from CVP, load in thousand tons	Total Flow, TAF	Load Allocation, thousand tons	Actual Load – Load Allocation, thousand tons	Total DMC Actual Load – Load Allocation, thousand tons
Water Year 2006												
Oct	20.4	10.4	1.6	98.7	7.0	25.4	1.0	1.4	7.3	0.5	1.8	**27.3**
Nov	17.1	8.3	1.5	60.1	4.2	22.7	1.2	0.7	4.4	0.3	1.7	**24.4**
Dec	1.3	8.9	1.3	24.1	1.7	9.8	0	0.3	0.5	0	0.2	**10.0**
Jan	3.5	1.1	0.7	16.0	1.1	4.2	0	0	0.1	0	0	**4.2**
Feb	29.9	2.8	2.7	87.5	6.2	29.3	2.1	0.5	6.4	0.5	2.1	**31.4**
Mar	13.2	0.4	1.3	38.1	2.7	12.3	0.9	0.2	3.0	0.2	0.9	**13.2**
Apr	5.1	0.2	0.9	14.8	1.0	5.1	0.3	0.2	1.5	0.1	0.4	**5.5**
May	45.1	1.5	2.1	103.4	7.3	41.4	3.8	1.5	17.4	1.2	4.1	**45.5**
Jun	46.7	4.6	4.3	160.9	11.4	44.3	4.2	2.1	22.6	1.6	4.7	**49.0**
Jul	41.1	8.4	7.3	214.0	15.1	41.7	4.0	4.9	30.7	2.2	6.8	**48.5**
Aug	36.4	10.7	5.1	182.5	12.9	39.3	3.6	2.9	23.9	1.7	4.8	**44.1**
Sep	24.2	11.0	1.6	130.4	9.2	27.7	1.8	1.9	13.6	1.0	2.7	**30.4**
									WY2006 Total:			**333.5**

Table A-5 Cont'd: Calculation of WY2000-2010 CVP Allocations and Loads

	Grassland Subarea						**Northwest Subarea**					**Total**
	San Joaquin River and Mendota Pool Deliveries from CVP, load in thousand tons	Delta- Mendota Canal Deliveries from CVP, load in thousand tons	San Luis and Cross Valley Canal Deliveries from CVP, load in thousand tons	Total Flow, TAF	Load Allocation, thousand tons	Actual Load – Load Allocation, thousand tons	San Joaquin River and Mendota Pool Deliveries from CVP, load in thousand tons	Delta- Mendota Canal Deliveries from CVP, load in thousand tons	Total Flow, TAF	Load Allocation, thousand tons	Actual Load – Load Allocation, thousand tons	Total DMC Actual Load – Load Allocation, thousand tons
Water Year 2007												
Oct	21.8	5.5	0.9	101.9	7.2	21.0	1.3	0.8	7.5	0.5	1.6	**22.5**
Nov	11.8	4.1	1.3	49.9	3.5	13.7	0.7	0.4	3.0	0.2	0.8	**14.5**
Dec	10.1	3.9	1.1	33.4	2.4	12.7	0.8	0.2	2.2	0.2	0.8	**13.6**
Jan	17.7	5.3	3.4	51.0	3.6	22.8	0.5	0.7	2.6	0.2	1.0	**23.9**
Feb	29.9	5.5	4.0	77.6	5.5	33.9	2.5	0.8	6.3	0.4	2.8	**36.7**
Mar	17.1	7.6	5.6	69.2	4.9	25.4	1.3	3.2	10.5	0.7	3.8	**29.2**
Apr	17.3	4.9	5.2	69.0	4.9	22.5	1.2	3.4	12.5	0.9	3.8	**26.2**
May	31.5	12.8	6.8	131.4	9.3	41.8	2.7	4.0	17.4	1.2	5.4	**47.3**
Jun	40.3	13.1	9.0	157.3	11.1	51.5	3.4	4.7	19.9	1.4	6.7	**58.1**
Jul	34.6	10.5	6.4	170.4	12.0	38.9	3.1	3.6	22.4	1.6	5.1	**44.4**
Aug	32.8	13.8	5.7	130.7	9.2	42.9	2.7	3.4	15.2	1.1	5.0	**48.1**
Sep	28.6	20.4	3.0	108.0	7.6	44.4	1.2	2.1	7.0	0.5	2.8	**47.3**
									WY2007 Total:			**411.7**

Table A-5 Cont'd: Calculation of WY2000-2010 CVP Allocations and Loads

	Grassland Subarea						**Northwest Subarea**					**Total**
	San Joaquin River and Mendota Pool Deliveries from CVP, load in thousand tons	Delta- Mendota Canal Deliveries from CVP, load in thousand tons	San Luis and Cross Valley Canal Deliveries from CVP, load in thousand tons	Total Flow, TAF	Load Allocation, thousand tons	Actual Load – Load Allocation, thousand tons	San Joaquin River and Mendota Pool Deliveries from CVP, load in thousand tons	Delta- Mendota Canal Deliveries from CVP, load in thousand tons	Total Flow, TAF	Load Allocation, thousand tons	Actual Load – Load Allocation, thousand tons	Total DMC Actual Load – Load Allocation, thousand tons
Water Year 2008												
Oct	25.7	10.3	2.0	86.2	6.1	31.9	1.6	0.7	5.3	0.4	2.0	**33.9**
Nov	8.1	5.1	1.2	31.6	2.2	12.2	0.1	0.7	1.8	0.1	0.7	**12.8**
Dec	7.1	1.3	0.4	17.5	1.2	7.6	0.2	0.2	0.8	0.1	0.4	**8.0**
Jan	7.8	1.4	0.6	16.2	1.1	8.6	0.1	0	0.1	0	0.1	**8.7**
Feb	21.3	4.1	2.8	55.4	3.9	24.2	1.3	0.3	3.0	0.2	1.3	**25.5**
Mar	34.9	7.1	5.2	87.8	6.2	40.9	3.4	2.1	9.5	0.7	4.8	**45.7**
Apr	24.6	5.2	5.8	77.5	5.5	30.1	1.8	3.2	10.6	0.8	4.2	**34.3**
May	38.0	14.1	7.4	127.7	9.0	50.4	3.5	3.1	15.3	1.1	5.5	**55.8**
Jun	40.5	12.6	7.3	127.6	9.0	51.4	3.2	3.5	14.2	1.0	5.7	**57.1**
Jul	36.1	10.5	5.7	148.7	10.5	41.7	3.2	2.6	16.7	1.2	4.6	**46.4**
Aug	38.3	13.2	4.2	128.1	9.1	46.7	3.1	3.6	15.2	1.1	5.6	**52.4**
Sep	38.6	21.3	2.9	123.0	8.7	54.2	2.2	2.7	9.8	0.7	4.2	**58.4**
									WY2008 Total:			**439.0**

Table A-5 Cont'd: Calculation of WY2000-2010 CVP Allocations and Loads

	Grassland Subarea						**Northwest Subarea**					**Total**
	San Joaquin River and Mendota Pool Deliveries from CVP, load in thousand tons	Delta- Mendota Canal Deliveries from CVP, load in thousand tons	San Luis and Cross Valley Canal Deliveries from CVP, load in thousand tons	Total Flow, TAF	Load Allocation, thousand tons	Actual Load – Load Allocation, thousand tons	San Joaquin River and Mendota Pool Deliveries from CVP, load in thousand tons	Delta- Mendota Canal Deliveries from CVP, load in thousand tons	Total Flow, TAF	Load Allocation, thousand tons	Actual Load – Load Allocation, thousand tons	Total DMC Actual Load – Load Allocation, thousand tons
Water Year 2009												
Oct	24.8	13.0	2.8	91.9	6.5	34.0	1.9	0.9	7.0	0.5	2.2	**36.3**
Nov	11.2	5.6	1.8	40.1	2.8	15.8	0.2	0.2	1.3	0.1	0.3	**16.1**
Dec	0.6	4.0	0.4	7.9	0.6	4.5	0	0.2	0.2	0	0.1	**4.6**
Jan	4.9	3.3	0.8	12.2	0.9	8.1	0	0.3	0.5	0	0.3	**8.4**
Feb	20.6	1.9	2.2	33.0	2.3	22.4	1.2	0.3	2.0	0.1	1.3	**23.7**
Mar	28.3	8.9	3.5	68.5	4.8	35.9	2.5	1.9	7.6	0.5	3.9	**39.8**
Apr	25.3	7.0	5.2	75.6	5.3	32.2	1.6	2.1	8.0	0.6	3.2	**35.4**
May	38.1	14.5	7.1	123.9	8.8	51.0	3.3	3.1	15.1	1.1	5.3	**56.3**
Jun	45.3	14.0	8.1	135.8	9.6	57.9	3.9	4.8	16.9	1.2	7.6	**65.4**
Jul	31.3	10.5	4.8	162.2	11.5	35.2	2.8	5.2	25.4	1.8	6.2	**41.4**
Aug	35.5	13.0	4.2	131.0	9.3	43.5	3.0	4.7	17.9	1.3	6.5	**49.9**
Sep	42.5	17.5	2.7	133.3	9.4	53.3	2.7	1.9	9.2	0.6	3.9	**57.2**
									WY2009 Total:			**434.5**

Table A-5 Cont'd: Calculation of WY2000-2010 CVP Allocations and Loads

	Grassland Subarea						**Northwest Subarea**					**Total**
	San Joaquin River and Mendota Pool Deliveries from CVP, load in thousand tons	Delta- Mendota Canal Deliveries from CVP, load in thousand tons	San Luis and Cross Valley Canal Deliveries from CVP, load in thousand tons	Total Flow, TAF	Load Allocation, thousand tons	Actual Load – Load Allocation, thousand tons	San Joaquin River and Mendota Pool Deliveries from CVP, load in thousand tons	Delta- Mendota Canal Deliveries from CVP, load in thousand tons	Total Flow, TAF	Load Allocation, thousand tons	Actual Load – Load Allocation, thousand tons	Total DMC Actual Load – Load Allocation, thousand tons
Water Year 2010												
Oct	31.3	6.0	2.3	85.5	6.0	33.7	0.6	0.4	2.2	0.2	0.9	**34.5**
Nov	11.0	5.4	1.6	39.1	2.8	15.2	0.4	0.6	2.0	0.1	0.8	**16.0**
Dec	0	3.3	0.4	6.9	0.5	3.2	0	0.3	0.5	0	0.3	**3.4**
Jan	1.3	3.1	0.5	7.6	0.5	4.5	0	0.1	0.2	0	0.1	**4.6**
Feb	20.2	1.5	1.4	38.0	2.7	20.4	0.5	0.3	1.4	0.1	0.7	**21.1**
Mar	19.6	6.2	3.4	54.2	3.8	25.3	1.7	1.2	5.3	0.4	2.5	**27.8**
Apr	16.0	2.2	3.9	37.1	2.6	19.5	0.9	0.8	3.2	0.2	1.5	**21.0**
May	35.6	10.2	5.3	123.9	8.8	42.4	3.3	2.5	16.3	1.1	4.6	**47.0**
Jun	33.5	9.2	6.1	165.0	11.7	37.1	3.0	3.1	21.6	1.5	4.6	**41.7**
Jul												
Aug												
Sep												
							WY2010 Total:					