



February 6, 2018

TO: San Luis & Delta-Mendota Water Authority Board of Directors, Alternates, and Interested Parties

FROM: Jon Rubin, Secretary (by Cheri Worthy)

RE: Thursday, February 8, 2018, 9:30 a.m.
Board of Directors' Regular Meeting

Attached for your review in preparation of the February 8, 2018, Board of Directors' regular meeting are the following additional pre-packet documents:

- 1) Draft January 11, 2017 Meeting Minutes
- 2) Operations & Maintenance Report

Thank you, and please give us a call if you have any questions or concerns regarding this information.

**SAN LUIS & DELTA-MENDOTA WATER AUTHORITY
BOARD OF DIRECTORS ADJOURNED REGULAR MEETING
MINUTES FOR JANUARY 11, 2018**

The Board of Directors of the San Luis & Delta-Mendota Water Authority convened at approximately 9:30 a.m. at 842 6th Street, in Los Banos, California for a regular meeting, with Chair Cannon Michael presiding.

Directors and Alternate Directors in Attendance

Division 1

Jim McLeod, Director - Dave Weisenberger, Alternate
Bobby Pierce, Director
Earl Perez, Alternate for Anthea Hansen
Rick Gilmore, Director - Vince Lucchesi, Alternate

Division 2

Don Peracchi, Director - Dan Pope, Alternate
Sarah Woolf, Director - William Bourdeau, Alternate
John Bennett, Director - Michael Linneman, Alternate
William Diedrich, Director

Division 3

Jeff Bryant, Alternate for Mike Stearns
Chris White, Alternate for James O'Banion
Cannon Michael, Director - Randy Houk, Alternate
Ric Ortega, Director (joined during Item 10) - Mike Gardner, Alternate

Division 4

John Varela, Director
Gary Kremen, Director - Richard Santos, Alternate
Jeff Cattaneo, Alternate for John Tobias
Joe Tonascia, Director

Division 5

Bill Pucheu, Director
Tom Birmingham, Director - Jose Gutierrez, Alternate
Steve Stadler, Director (joined after action item) - Thomas W. Chaney, Alternate
(joined during Item 8)

Authority Representatives Present

Frances Mizuno, Assistant Executive Director
Jon Rubin, General Counsel
Rebecca Akroyd, Deputy General Counsel
Tona Mederios, Director of Finance
Tom Boardman, Water Resources Engineer
Darlene Neves, Accountant II
Diane Rathmann, Legal Counsel
Gabriel Delgado, Legal Counsel

Others in Attendance

John Beam, GWD Consultant
Juan Cadena, Panoche Water District
Janet Gutierrez, San Luis Water District
Rodney Wade, Tranquillity Irrigation District
Ara Azhderian, Panoche Water District
Don Wright, Waterwrights.net
Russ Freeman, Westlands Water District
Mike Wade, Farm Water Coalition
Alan Becker, Fresno State
John Wiersma, Henry Miller Reclamation District
Jon Reiter, Grower

1. Pledge of Allegiance

The Pledge of Allegiance was recited.

2. Call to Order/Roll Call

Chair Cannon Michael called the meeting to order, and recognized that Santa Clara Valley Water District elected Richard Santos as their new Board Chair. Roll was called.

3. Board to Consider Corrections or Additions to the Agenda of Items, as authorized by Government Code Section 54950 et seq.

General Counsel Jon Rubin stated that Item 19 j of the closed session list was inadvertently left on the agenda but should have been removed

4. Opportunity for Public Comment

No public comment.

CONSENT ITEMS

5. Agenda Items 6: Board to Consider: Approval of the Financial & Expenditures Reports

On motion of Director Varela, seconded by Director Birmingham, the Board approved the Consent Item.

The vote on the motions were as follows:

AYES: McLeod, Pierce, Perez, Gilmore, Peracchi, Woolf, Linneman

Bennett, Diedrich, Bryant, White, Michael, Gardner, Varela,
Kremen, Cattaneo, Tonascia, Pucheu, Birmingham

NAYS: None

ABSTENTIONS: None

ACTION ITEMS

6. Agenda Items 5: Board to Consider: Approval of December 7, 2017 Meeting Minutes

On a motion of Director Birmingham, seconded by Director Peracchi, the Board approved the December 7, 2017 meeting minutes with a minor correction.

The vote on the motions were as follows:

AYES: McLeod, Pierce, Perez, Gilmore, Peracchi, Woolf, Linneman
Bennett, Diedrich, Bryant, White, Michael, Gardner, Varela,
Kremen, Cattaneo, Tonascia, Pucheu, Birmingham

NAYS: None

ABSTENTIONS: None

REPORT ITEMS

7. Agenda item 7: California WaterFix Update.

General Counsel Jon Rubin gave a brief update, reporting that the State is supposed to make a statement about WaterFix in the next 30-days.

8. Agenda Item 8: Update on State Water Resources Control Board, Bay-Delta Water Quality Control Plan Update.

General Counsel Jon Rubin reported that the State Water Resources Control Board is currently updating the Bay-Delta Plan. Its current schedule for completion of both Phase I and Phase II of the update was reported as follows: Final environmental document and proposed changes for Phase I are scheduled for release in the spring, with the State Water Board considering action by mid-year, and for Phase II a planned spring release of a draft substitute environmental document and draft updates, the final environmental document and proposed changes in the fall, and State Water Board action in late 2018.

9. Agenda Item 9: Update on Delta Stewardship Council, Delta Plan Update and Related Activities.

Deputy General Counsel Rebecca Akroyd reported that the Delta Stewardship Council is considering updates to the Delta Plan relating to Delta water conveyance and performance measures. Akroyd reported that the Authority is preparing comments on the draft environmental document regarding the updates to the Delta Plan which will be submitted by January 22, 2018.

10. Agenda Item 10: Reinitiation of Consultation on Biological Opinions Issued by National Marine Fisheries Service and United States Fish and Wildlife Service for Long-Term Operations of the Central Valley Project and State Water Project.

General Counsel Jon Rubin reported that the Bureau of Reclamation plans to prepare a draft programmatic environmental impact statement on long-term operations of the Central Valley Project, State Water Project, and Related Facilities. The Bureau proposes to evaluate alternatives that maximize water deliveries and optimize marketable power generation. The Authority is preparing written comments to submit by February 1, 2018.

Rubin informed the Board that the Water Resources Committee (WRC) requested staff make the draft available to the Board prior to filing the comments. It was agreed that the draft would be circulated to the Board no later than January 19, that comments on the draft would be requested by January 23, and that the Board will have an opportunity to discuss the comments prior to filing.

11. Agenda Item 11: Update on Water Bond Initiatives, Including the Water Supply and Water Quality Act of 2018

General Counsel Jon Rubin reported on the Water Bond that may appear on the November 2018 statewide California ballot. Rubin informed the Board that the Bond would allow for investment of billions of dollars in California water infrastructure, including key categories like: 1) safe drinking water, 2) Sustainable Groundwater Management, 3) fish and wildlife habitat conservation, 4) infrastructure repair, and many other important water management programs. The bond would benefit individual water users, the environment, and agriculture. Rubin informed the Board that the Water Resources Committee (WRC) requested staff prepare an analysis on the benefits of the Bond to our members, and bring it back to the WRC to consider a position the Authority should take on this Bond.

12. Agenda Item 12: California Storage Projects Update

Assistant Executive Director Frances Mizuno reported that she has scheduled a briefing at the Water Users Conference regarding Santa Clara Valley's Pacheco Reservoir Expansion Project. Garth Hall and others will make presentations.

Mizuno also reported that the Authority had a workshop regarding Temperance Flat. The Authority will prepare an Activity Agreement for the Authority members who would like to enter into the MOU. The Activity Agreement should be ready to be presented at the February Board meeting. Funding is proposed in the budget for next year.

13. Agenda Item 13: Update on Proposed Activity Budget Cost Allocation Adjustments

Assistant Executive Director Frances Mizuno and General Counsel Jon Rubin presented to the Board of Directors the concept of combining three activity funds, Leg Ops 1, Leg Ops 2, and DIPS and creating one new fund to reduce the amount of administrative work associated with allocating and tracking costs. Mizuno presented information, as requested by the Water Resources Committee, showing the trend to help the Board determine if this concept makes sense.

14. Agenda Item 14: Update on Draft FY19 Activity Budget Development.

Assistant Executive Director Frances Mizuno and General Council Jon Rubin provided a detailed review of the FY19 Draft Activity Budget.

15. Agenda Item 15: Operations Update and Forecasts.

Water Resources Engineer Tom Boardman reported that C.W. "Bill" Jones Pumping Plant and Harvey O. Banks Pumping Plant have been sharing the allowable pumping permitted under a -5,000 cfs OMR restriction that went into effect January 1 per the salmon BiOp. Prompted by the recent increase in Delta inflow, Reclamation has prepared an analysis that shows the Central Valley Project (CVP) and State Water Project (SWP) could operate with OMR at -6,250 cfs, accordance to the WIIN Act. Boardman reported that Reclamation's analysis was being reviewed by the State and Federal fish agencies.

Boardman also reviewed two San Luis storage projection charts under 90% and 50% exceedance conditions. The 50% exceedance chart showed that CVP San Luis is projected to fill by late January, but based on increased pumping during the holidays, the reservoir is expected to fill also under 90% exceedance conditions. If the SWP does not fill, the CVP will have the opportunity to store water in unused SWP storage space. It was also mentioned that demands continue to track above normal. If sustained dry conditions return in February, CVP San Luis

could begin a sustained draw down.

The rescheduling cap was then discussed including a statement that Reclamation is firmly against increasing the 150 TAF rescheduling cap and intends to bolster 2018 allocations with any additional export and benefit of borrowing SWP SLR storage.

Boardman concluded his report with an estimation that the initial ag allocation in February will be between 25-35% and a final allocation later in the spring of 40-45% under average conditions.

16. Agenda Item 16: Committee Reports

a. Water Resources Committee Activities

Chair Tom Birmingham reported that the Water Resources Committee met and discussed Water Bond Initiatives, Strategic Planning, Reinitiation of Consultation, Activity Budget Cost Allocation Adjustments, and Draft FY19 Activity Budget.

b. Finance & Administration Committee Activities

Chair Bill Pucheu reported that the Finance & Administration Committee met, and discussed the Draft FY19 Activity Budget, and reviewed the WY15 Financial Audit. Director of Finance Tona Mederios gave a brief report on the WY15 Financial Audit stating that she found no exceptions, and it will be presented to the Finance & Administration Committee, and the Board in February. Mederios also introduced the new Supervisor of Accounting Joyce Machado.

c. O&M Technical Committee Activities

No report given.

17. Agenda Item 17: Reports on Activities of the Following Agencies that are Outside of the Authority.

a. State and Federal Contractors Water Agency

No report given.

b. Family Farm Alliance

No report given.

c. Farm Water Coalition

California Farm Water Coalition Executive Director Mike Wade provided an update on a project CFWC has been working on to highlight the partnerships between Westside water districts and the area's wildlife refuges. Wade distributed copies of a new brochure titled, "San Joaquin Valley Landscapes," which shows how smart

investments by water users can have both water supply and ecosystem benefits. Wade will provide a more detailed presentation at the February board meeting.

d. Association of California Water Agencies

General Counsel Jon Rubin offered Authority support to any Director/Alternate that plans on attending the Annual Conference in D.C. February 27-March 1, 2018.

e. San Joaquin Valley Water Infrastructure Authority

No Report given.

18. Agenda Item 18: Monthly Staff Reports

a. Self-Funding Report

Director of Finance Tona Mederios reported that Self-Funding actual expenses are under budget by about \$500,000. Mederios also reported that the WY16 Draft Accounting were mailed out on January 10, 2018 for a 30-day review. Mederios concluded with reporting that the WY15 Final Accountings are near completion and will be mailed out soon.

b. Operations & Maintenance Report

Assistant Executive Director Frances Mizuno reported that the Authority is on target to bring the O&M Budget and Salaries to the Board for approval at the February Board meeting. The proposed draft was circulated for review to all rate payers and two comment letters were received. The first one was from Friant Water Authority and comments were mainly pertaining to our budget process. A meeting will be scheduled with Friant to address their concerns. The second letter was Panoche Drainage District in regards to O&M costs related to the DMC sump pumps. Mizuno will be working to respond to Panoche's comments over the course of the next few months.

c. Water Transfer/Exchange Update

Assistant Executive Director Frances Mizuno reported that due to the dry fall she would start working on water transfers with Northern California transfer partners. Mizuno reported that she plans on setting up a meeting with possible sellers at the Water Users Conference.

d. SGMA Report

Assistant Executive Director Frances Mizuno reported that the contract agreement with Woodard & Curran for GSP development was approved for the Joint North and Central GSP areas.

e. Drainage Activity Report

Legal Counsel Diane Rathmann reported that the Grassland Basin Drainage Steering Committee is working on developing and submitting comments to the State Water Resources Control Board on the Proposed Changes to the Eastern San Joaquin River Watershed General Order.

f. Executive Director's Report

No report given.

19. Agenda Item 19-21: Closed Session Report

Chair Cannon Michael adjourned the open session to address the items listed on the Closed Session Agenda at approximately 11:20 a.m. Upon return to open session at approximately 1:00 p.m., General Counsel Jon Rubin reported that the Board met in closed session to receive advice from counsel and there were no reportable actions taken.

20. Agenda Item 22: Reports Pursuant to Government Code Section 54954.2

No reports given.

21. Agenda Item 23: Adjournment

The meeting was adjourned at approximately 12:25 p.m.



February 8, 2018

To: Frances Mizuno, Assistant Executive Director

From: Paul Stearns, Operations & Maintenance Manager

Subject: O&M Report for January 2018

Operations Department

The C.W. "Bill" Jones Pumping Plant (JPP) began the month of January pumping at three units due to the National Marine Fisheries Service (NMFS) flow management in the Old and Middle Rivers (OMR) of the San Joaquin River. Pumping was increased to four units on January 8th, but reduced back down to three units on January 31st due to the OMR flow management.

Total pumping for the month of January at the JPP was 204,834 acre-feet. The O'Neill Pump/Generating Plant pumped 173,066 acre-feet and no water was generated. No water was conveyed through the DCI Plant.

The Federal share in San Luis Reservoir on January 31st was 973,499 acre-feet as compared to 673,917 acre-feet on January 31st, 2017.

Releases from Friant Dam for the San Joaquin River Restoration Program (SJRRP) ranged from 375-416 cfs for the month of January. Flows into the Mendota Pool from the SJR ranged from 155-185 cfs. All the inflow was subsequently released past Sack Dam.

During the month of January, Canal Operations staff members performed open channel and closed-pipe flow measurements, bi-weekly meter readings, well soundings, meter maintenance, and rodent control.

SCADA and C&I staff performed the following work for the month of January: Continued annual maintenance on Jones Unit 6, attended training on the Tracy 13.8kV switch gear buildings, replaced the O'Neill Unit 5 siphon level controller, worked with AT&T to resolve phone/network issues and possible fiber installation, continued working with the contractor for the North Valley Regional Recycled Water Program (NVRWP) flow meter interface to SCADA.

Civil Maintenance Department

The Civil Maintenance crews worked on the following projects for the month of January: chemical weed control, continued with erosion repairs on DMC and filling voids behind liner, prep DMC Check 2 radial gates for sacrificial anode replacement, began erosion repairs behind the JPP, installed new door at LBAO back entrance, pothole repairs on DMC operating road, began installing DMC roadway gates in Gustine area (Gravel Pit, Taglio, and Snyder Roads), fabricated metal stop logs for DMC turnout 93.25-R (Panoche WD) and assisted with pump sump clean-out, cleaned silt from Crow Creek overchute (DMC MP 48.13), replaced deck boards on CMT's tilt trailer, began replacement of final bridge on the Westley Wasteway, and maintenance and repairs to float lines, signs, fences, and gates.

Plant Maintenance Department

The Jones and O'Neill Plant Maintenance crews worked on the following projects for the month of January: Continued annual maintenance, reinstalled motor housing coolers, and investigated and repaired thrust tub oil leaks on JU-6, Tracy 13.8kV switchgear training, conduit clean-out and fiber install from Tracy server room to warehouse and admin building, traced DMC communications cable for Civil Maintenance work, repaired the TFO vehicle gate communication, repaired air blower on JPP motor floor, investigated power source for JU-6 rewind contractor construction office, and annual inspection/testing of JPP welders.

O'Neill Unit 1 penstock and main unit rehabilitation: Penstock complete and flow meter installation underway. Impeller housing in-place along with impeller and lower shaft. Currently installing pump discharge transition piece and new wear-ring on bowl section. Crews also continuing with relay testing/calibration and exciter/motor cleaning.

Engineering and Planning Department

The Engineering & Planning Department staff worked on the following projects this month: JPP unit rewind project management, Sustainable Groundwater Management Act compliance activities, lower DMC check structure stoplog and guide replacement project, OPP U-1 pump & penstock rehabilitation projects, OPP pump bowl access opening design, OPP cathodic protection system evaluation, stoplog design for Panoche WD turnout at DMC MP 93.25-R, drawing and website management. Planning support was provided for civil, mechanical & electrical maintenance activities.

Three (3) proposals were received for the JPP Unit 6 Rewind Project. The Technical Proposal Evaluation Committee (TPEC) met during the week of January 22nd and evaluated each of the submitted proposals. Two Contractors were determined to be within the competitive range. These contractors were National Electric Coil and Voith Hydro, Inc. The SLDMWA requested proposal clarification information and a final Proposal from each contractor. The SLDMWA will evaluate their responses and award the contract to the contractor that represents the best value after the proposal evaluation is complete.

Land Management Activity Summary:

Two (2) access permits were issued this month. Permit P1802023 issued to Panoche Water District was amended to extend the original expiration date. The permit is for inspecting and repairing the sump pump located at MP93.25-R. Permit P1702018

issued to Stanislaus Towing Services was amended to extend the original date. The issued permit is for vehicle recovery & removal.

Provided design and operational information regarding San Luis Drain to engineer commissioned by Reclamation doing feasibility study for delivery of water to the Mendota Wildlife Area. Worked with DPWD's construction crew on O&M road repairs at NVERRWP site. Damaged areas have been removed, re-compacted, and filled with compacted A/B. Chipseal to occur as weather permits. Construction of well discharge at MP102.04 is underway, and performed site inspection.

Safety Department

Provided incident report for used oil spill on San Luis Drain, switchgear training for Electricians and C&I's, routine training support, gas tank permit at LBFO, and annual ARB reports.

EXTRAORDINARY O&M & CAPITAL PROJECTS

DELTA-MENDOTA CANAL (DMC)

Concrete Lining Repair (MP92 to MP97) Design Only (1800064)

Status: No activity this month.

O&M Road Maintenance Program - Phase 7 of 10 (1800334)

Status: Project complete.

DMC Flow Measurement Project – Phase 1 (1700112)

Status: No activity this month.

Replacement of Stoplog Guides on Lower DMC Check Structures – (1800859)

Status: OHI Company of Stockton was awarded the contract to fabricate the stoplog guides. Estimated completion date for contract is April 16th. R&B Coatings of Linden was awarded the sandblast and painting contract. An RFP for the fabrication of concrete stoplogs is being prepared and should be sent to potential contractors by the end of February.

C.W. “BILL” JONES PUMPING PLANT (JPP)

JPP - Arc Flash Study (1800167)

Status: JPP Arc Flash Hazard Survey has been completed in December 2017. The draft report to be reviewed by April 30, 2018.

JPP Excitation Cabinet & Control Panel Refurbishment (1800333)

Status: Revised unit drawings to reflect changes to Unit 3 RTAC modifications. The USBR is preparing a quote to perform the design services for Unit 2.

O’NEILL PUMPING/GENERATING PLANT (OPP)

Design New Access Opening near Pump Bowl (1800332)

Status: The SLDMWA response to the Reclamation design review comments was submitted this month.

Rehabilitate Pump Assemblies Unit No. 1 (1800196)

Status: Re-assembly of the unit is in process. The propeller housing has been put onto the suction piece and the fasteners properly torqued. The discharge bowl is ready to be installed as soon as the repairs to the bolt holes on the inner bowl access door are complete. The upper enclosure tube fabrication and coating is completed and has been delivered to OPP. NOTE: The shaft sleeve fabrication and recoating planned for this year has been finished.

Rehabilitate Unit No. 1 Penstock Interiors (1800061)

Status: Pinhole testing of penstock was completed, and repairs made. Contractor demobilized, and Notice of Completion was issued. Flowmeters were reinstalled in the penstock, and the Accusonic representative is scheduled 2/21 to commission the installation.

EXTRAORDINARY O&M & CAPITAL PROJECTS

Unit Condition Assessment (1800168)

Status: The USBR Denver Office provided a copy of the assessment final report in late January. The SLDMWA will review assessment report findings and recommendations and development a rewind plan for all six of the units.

TRACY FACILITIES (TFO)

None

C.W. "BILL" JONES PUMPING PLANT (JPP) - CAPITAL PROJECTS

JPP Unit No. 6 Rewind Project Pre-Award Activities (1800035)

Consultant: Pacific Power Engineers, Inc, Rancho Cordova, CA

Project Engineer: David Roose, PE

Highlight of January activities:

- Charter Review
- Update and Review Project Management Plan
- Finalize Engineer's Estimate
- Response to Contractors' RFP questions
- Addendum review and edits including removal of field poles and specification updates
- Review of Voith and NEC proposals with corresponding recommendations
- 1.5-hour conference call with TPEC to discuss Technical evaluation of Voith and NEC proposals
- Edit Proposal response letters to Voith and NEC
- Total hours for January = 47.5 hours.

Metrics:

Project Management Plan Budget: \$2,000

Actual Billed: \$530

Contract Development Budget: \$16,000

Actual Billed: \$16,250

Armature Winding Budget: \$39,000

Actual Billed: \$31,535 (February/March)

Stator Core Specification Budget: \$39,000

Actual Billed: \$5,432.50 (April)

Re-insulation of Rotor Field Pole Specification Budget: \$30,500

Actual Billed: \$5,432.50 (April)

General Specification Development: \$3,180 (May); \$3,710 (June); \$2,650 (September); \$795 (October); \$3,975 (November)

Revise Specifications: \$13,515 (July); \$9,275 (August); \$5,035 (September); \$1,060 (October); \$2,385 (November); 2,588 (January)

Percent billed versus budget, Specifications to Date: \$113,023/\$126,500 = 89% of Budget



**San Luis & Delta-Mendota Water Authority
OPERATIONS SUMMARY**

NOTE: ALL FIGURES ARE IN ACRE FEET

	December-2017	December-2016
JONES PUMPING PLANT - PUMPED	249,502	217,688
DCI PLANT - PUMPED	21,879	15,464
DCI PLANT - RETURNED	0	0
O'NEILL P/G PLANT - PUMPED	174,859	192,744
O'NEILL P/G PLANT - GENERATED	0	0
DMC DELIVERIES	19,127	8,130
RIVER & WELL WATER INTO DMC	5,059	2,925
MENDOTA POOL DELIVERIES	32,577	8,454
SHASTA RESERVOIR STORAGE	3,202,800	3,341,600
SAN LUIS RESERVOIR STORAGE	1,638,022	1,249,284
* FEDERAL SHARE	909,200	457,538

	December-2017	December-2016
SAN LUIS UNIT DELIVERIES	1,715	196
SAN LUIS UNIT WELL WATER	0	0
SAN FELIPE UNIT DELIVERIES	0	8,377

Jones Pumping Plant monthly average = 4,058 cfs



**San Luis & Delta-Mendota Water Authority
Monthly Deliveries
December 2017**

District/Other	Total Available Water into System (INCOMING) (Acre Feet)	AG/Refuge Deliveries (Acre Feet)	M & I Deliveries (Acre Feet)	Total Deliveries (OUTGOING) (Acre Feet)
Total Pumped @ Jones Pumping Plant	249,502			
Total Pumped @ DCI	(21,879)			
Total Reversed @ DCI	0			
City of Tracy		0	0	0
Byron Bethany I.D.		87	0	87
West Side I.D.		0	0	0
Banta Carbona I.D.		0	0	0
West Stanislaus I.D.		1,058	0	1,058
Patterson I.D.		1,391	0	1,391
Del Puerto W.D.		1,292	0	1,292
Central California I.D. - above check #13		590	0	590
San Luis W.D.- above check #13		0	1	1
Volta Wildlife Mgmt. Area (Fish & Game)		460	0	460
Fish & Wildlife (Volta) Santa Fe - Kesterson		0	0	0
Grasslands W.D. (Volta)		460	0	460
Total Pumped @ O'Neill PP	(174,859)			
Total Generated @ O'Neill PP	0			
Central California I.D. - below check #13		416	0	416
Grasslands W.D. (76.05-L)		5,999	0	5,999
Fish & Game Los Banos Refuge (76.05-L)		1,338	0	1,338
Fish & Wildlife Kesterson (76.05-L)		732	0	732
Freitas Unit (76.05-L)		828	0	828
Salt Slough Unit (76.05-L)		994	0	994
China Island (76.05-L)		889	0	889
San Luis W.D. - below check #13		361	0	361
Panoche W.D.		89	2	91
Eagle Field W.D.		692	0	692
Oro Loma W.D.		0	0	0
Mercy Springs W.D.		0	0	0
Firebaugh Canal W.D. (D.M.C.)		1,448	0	1,448
River and Groundwater well pump-in	5,059			
Change in Canal Storage	(43)			
Wasteway Flushing and Spill	45			
Total Available in Delta-Mendota Canal	57,825			
TOTAL DELIVERY FROM DELTA-MENDOTA CANAL	(19,127)	19,124	3	19,127
Theoretical DMC Delivery to Mendota Pool	38,698			
Total Estimated DMC Delivery to MP (determined at Check 20)	34,315			
Estimated (Loss) or Gain in DMC	(4,383)			
Estimated % Loss or Gain in DMC	-1.76%			



San Luis & Delta-Mendota Water Authority
Monthly Deliveries
December 2017

<u>District/Other</u>	Total Available Water into System (INCOMING) (Acre Feet)	AG/Refuge Deliveries (Acre Feet)	M & I Deliveries (Acre Feet)	Total Deliveries (OUTGOING) (Acre Feet)
Estimated DMC Inflow to MP	34,315			
Mendota Pool Groundwater Well Pump-In	594			
SJR Flow into Mendota Pool	9,158			
Restoration Deliveries Credited to San Luis Storage	(4,109)			
<u>Mendota Pool Delivery Information</u>				
<u>Exchange Contractors:</u>				
Central California Irrigation District (CCID)		8,393	0	8,393
Columbia Canal Company (CCC)		58	0	58
Firebaugh Canal Water District (FCWD)		589	0	589
San Luis Canal Company (SLCC)		5,400	0	5,400
<u>Refuge:</u>				
Conveyance Losses		3,846	0	3,846
Calif Dept of F/G-LB Unit (CCID)		572	0	572
Calif Dept of F/G-LB Unit (SLCC)		1,902	0	1,902
Calif Dept of F/G-Salt Slough Unit (CCID)		424	0	424
Calif Dept of F/G-China Island Unit (CCID)		380	0	380
US Fish & Wildlife-San Luis Refuge (SLCC)		1,363	0	1,363
US Fish & Wildlife-Freitas (CCID)		354	0	354
US Fish & Wildlife-Kesterson (CCID)		313	0	313
Grasslands WD (CCID)		1,144	0	1,144
Grasslands WD (SLCC)		1,540	0	1,540
Grasslands (Private)		1,418	0	1,418
San Luis WD Conveyance (CCID)		2	0	2
<i>Other: (see MP Operations Report)</i>		4,879	0	4,879
<i>Total Available Water in Mendota Pool</i>	44,067			
TOTAL DELIVERY FROM MENDOTA POOL	(32,577)	32,577	0	32,577
Estimated (Loss) or Gain in Mendota Pool	(11,490)			
Estimated % Loss or Gain in Mendota Pool	-26.07%			
Total System Delivery	(51,704)			
Total Estimated System (Loss) or Gain	(15,873)			
Total Estimated % System Loss or Gain	-6.01%			

Special Notes:



Jones Pumping Plant
December - 2017

Date	# OF UNITS	TIME ON/OFF	AVG DAILY CFS
1	5	CONTINUOUSLY	4228
2	5	CONTINUOUSLY	4244
3	5	CONTINUOUSLY	4224
4	5	CONTINUOUSLY	4242
5	5	CONTINUOUSLY	4233
6	5	CONTINUOUSLY	4229
7	5	CONTINUOUSLY	4268
8	5	0001	4325
9	5	CONTINUOUSLY	4324
10	5	CONTINUOUSLY	4325
11	5	CONTINUOUSLY	4239
12	5	CONTINUOUSLY	4218
13	5	CONTINUOUSLY	4234
14	5	CONTINUOUSLY	4231
15	5	CONTINUOUSLY	4229
16	5	CONTINUOUSLY	4255
17	5	CONTINUOUSLY	4237
18	5	CONTINUOUSLY	4225
19	5	CONTINUOUSLY	4230
20	5	CONTINUOUSLY	4240
21	5	CONTINUOUSLY	4228
22	5	CONTINUOUSLY	4215
23	5	CONTINUOUSLY	4211
24	5 to 4	0001	3518
25	4	CONTINUOUSLY	3509
26	4	CONTINUOUSLY	3505
27	4	CONTINUOUSLY	3513
28	4	CONTINUOUSLY	3516
29	4	CONTINUOUSLY	3519
30	4	CONTINUOUSLY	3532
31	4	CONTINUOUSLY	3545
AVG CFS for the month			4058



NON-PROJECT WATER CREDITS REPORT
(ALL FIGURES IN ACRE FEET)
Dec 2017 WA Credits

CREDITS UNDER WARREN ACT CONTRACTS									
Turnout	Start Meter Reading	End Meter Reading	Factor	Adjust	District	Total	Less 5%	Month	Year
3.32-R1	0	0	1	0	BBID	0	0	0	0
3.32-R2	0	0	1	0	BBID	0	0	0	0
3.32-R3	130	130	1	0	BBID	0	0	0	0
13.31-L	4803	4804	1	-1	BBID	0	0	0	0
14.26-R	5217	5217	0.91	0	BBID	0	0	0	0
15.11-R	1603	1603	1	0	BCID	0	0	0	0
20.42-L	397106	1399167	1	0	BCID	1000	-50	950	8085
20.42-L	397106	1399167	1	0	UBSR/FWA	2075	0	2075	2294
21.12-L	0990	0990	1.01	0	DPWD	0	0	0	0
21.86-L	769	769	1	0	DPWD	0	0	0	0
23.41-L	1024	1024	1	0	DPWD	0	0	0	0
24.38-L	1763	1763	1.04	0	DPWD	0	0	0	0
29.95-R	944	944	0.87	0	DPWD	0	0	0	0
30.43-L	7421	7421	1	0	DPWD	0	0	0	0
30.43-R	2123	2123	0.92	0	DPWD	0	0	0	0
30.95-L	1913	1913	1.03	0	DPWD	0	0	0	0
31.31-L1	46775	46775	1	0	WSTAN	0	0	0	0
31.31-L2	46775	46775	1	0	DPWD	0	0	0	0
31.31-L3	46775	46775	1	0	PID	0	0	0	0
31.60-L	8182	8182	0.93	0	DPWD	0	0	0	0
32.35-L	1793	1793	0.86	0	DPWD	0	0	0	0
33.71-L	748	748	0.94	0	DPWD	0	0	0	0
36.80-L	1839	1840	0.90	-1	DPWD	0	0	0	0
37.10-L	3292	3292	0.94	0	DPWD	0	0	0	0
37.32-L	2653	2653	0.91	0	DPWD	0	0	0	0
42.50-R	1034	1034	0.96	0	DPWD	0	0	0	0
42.53-L	3498258	3586854	1	0	PID	0	0	0	0
42.53-L	3498258	3586854	1	0	DPWD	0	0	0	0
42.53-L	3498258	3586854	1	0	UBSR/FWA	2034	0	2034	4340
43.22-L	055	055	1.05	0	DPWD	0	0	0	0
48.97-L	814	816	0.95	-2	SLWD	0	0	0	4
50.46-L	4105	4105	1.07	0	DPWD	0	0	0	0
51.00-R	296	296	0.89	0	DPWD	0	0	0	2
51.66-L	0337	0337	0.98	0	DPWD	0	0	0	0
52.40-L	1331	1331	0.94	0	DPWD	0	0	0	0
58.28-L	1175	1175	1.02	0	SLWD	0	0	0	3
58.60-L	917	917	0.96	0	DPWD	0	0	0	0
58.73-R	306	306	1	0	DPWD	0	0	0	0
64.85-L	1662	1662	0.91	0	DPWD	0	0	0	0
UPPER DMC SUB TOTAL								5059	14728
78.31-L	4469	4469	1.05	0	SLWD	0	0	0	0
79.12-R	1796	1796	0.91	0	SLWD	0	0	0	3
79.13-L	2283	2283	1	0	SLWD	0	0	0	0
79.13-R	4410	4410	1.08	0	SLWD	0	0	0	0
79.60-L	8564	8564	0.84	0	SLWD	0	0	0	0
79.60-R	0179	0179	1	0	CCID	0	0	0	0
79.60-R	0179	0179	1	0	SLWD	0	0	0	31
80.03-L	0179	0179	0.94	0	SLWD	0	0	0	8
80.03-R	638	638	1.05	0	SLWD	0	0	0	0
98.60-R	10653	10653	1	0	PANOCH/MS	0	0	0	0
98.74-L	5695	5695	1.14	0	PANOCH/MS	0	0	0	0
99.24-L	10493	10493	0.92	0	PANOCH/MS	0	0	0	0
100.70-L	6211	6211	1	0	PANOCH/MS	0	0	0	0
LOWER DMC SUB TOTAL								0	42
WARREN ACT CONTRACT CREDIT TOTAL								5059	14770
TOTAL CREDITS BY DISTRICTS									
TOTAL (BYRON BETHANY IRRIGATION DISTRICT)					0	0	0		
TOTAL (BANTA CARBONA IRRIGATION DISTRICT)					0	0	0		
TOTAL (DEL PUERTO WATER DISTRICT)					0	0	2		
TOTAL (WEST STANISLAUS IRRIGATION DISTRICT)					0	0	0		
TOTAL (PATTERSON IRRIGATION DISTRICT)					0	0	0		
TOTAL (SAN LUIS WATER DISTRICT)					0	0	49		
TOTAL (PANOCH/MS WATER DISTRICT)					0	0	0		
TOTAL (MERCY SPRINGS WATER DISTRICT)					0	0	0		
TOTAL (FIREBAUGH WATER DISTRICT)					0	0	0		

Notes: 3.32-R, 20.42-L, 31.31-L1, 31.31-L3 and 42.53-L are River water.

Other Warren Act Conveyance Credit Totals			
Del Puerto Water District:	0	0	0
Banta Carbona Irrigation District:	1000	950	8085
West Stanislaus Irrigation District:	0	0	0
Byron Bethany Irrigation District:	0	0	0
Patterson Irrigation District:	0	0	0
San Joaquin River Restoration Pump Back PID:	2034	2034	4340
San Joaquin River Restoration Pump Back BCID:	2075	2075	2294



CREDITS FOR EXCHANGE AGREEMENTS WITH CCID

(ALL FIGURES IN ACRE FEET)

Dec 2017 EC AGMT Credits

CREDITS UNDER EXCHANGE AGREEMENTS WITH CCID	MONTH	YEAR
<i>DEL PUERTO WATER DISTRICT</i>	0	0
<i>SAN LUIS WATER DISTRICT</i>	0	0
<i>PACHECO WATER DISTRICT</i>	0	0
<i>PANOCHÉ WATER DISTRICT</i>	0	0
<i>WESTLANDS WATER DISTRICT</i>	0	0
<i>FIREBAUGH CANAL WATER DISTRICT</i>	0	0
EXCHANGE AGREEMENT CREDIT TOTAL	0	0



MENDOTA POOL OPERATIONS
2017
 ALL FIGURES IN ACRE-FEET

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
FCWD	0	0	0	0	0	0	0	0	0	0	0	0	0
CCID	0	0	0	0	0	0	0	0	0	0	0	0	0
FRESNO SLOUGH	14	16	38	48	200	219	126	192	67	62	112	112	1206
TPUD	0	0	0	0	24	21	10	0	0	0	0	0	55
JAMES I.D.	2170	410	310	594	6009	4643	6207	7878	7438	4720	2033	0	42412
MEYERS	715	1525	1417	1201	1039	809	354	987	875	36	1032	941	10931
M.L. DUDLEY & INDART 1	0	25	291	204	563	747	802	644	272	357	93	30	4028
MID VALLEY* (Kings River)	0	72	1169	1149	954	883	436	0	0	0	0	0	4663
REC. DIST. 1606	0	0	0	0	0	0	0	0	0	0	13	23	36
STATE FISH & WILDLIFE	546	863	265	306	859	722	1147	2157	1731	4100	1569	2117	16382
TRACTION	636	674	87	235	516	570	843	1143	734	957	619	950	7964
UNMETERED	120	100	110	45	25	300	80	160	475	170	50	100	1735
Total	1302	1637	462	586	1400	1592	2070	3460	2940	5227	2238	3167	26081
COELHO FAMILY TRUST 2	0	36	445	682	1040	811	1220	699	492	421	58	12	5916
TRANQUILITY I.D.	0	1158	1544	1681	4285	4965	4419	2669	1335	1205	470	546	24277
WESTLANDS LATERAL-6	0	0	0	195	230	99	46	21	0	0	0	0	591
WESTLANDS LATERAL-7	1021	2960	4465	5540	4417	3796	815	0	0	0	0	0	23014
LEMPEIS V.L. 3	0	0	20	54	98	114	81	21	36	26	29	48	527
TOTAL	5222	7839	10161	11934	20259	18699	16586	16571	13455	12054	6078	4879	143737

NUMBERS SHOWN IN **BOLD** WERE REVISED AFTER DISTRIBUTION OF REPORT
 1 aka COELHO-GARDNER-HANSEN 2 aka TERRA LINDA FARMS 3 aka WILSON JW

	Article 215 Water	Kings River Water
JAN	Meyers 715, WWD 1021, SF&W 1096	James ID 2170
FEB	Meyers 833, WWD 2960, SF&W 1637	Meyers 690, Mid Valley 72, TID 1158, JID 410
MAR	SF&W 462	Meyers 1417, MV 1169, CG&H 291, WWD 4465, TL 445, TID 1544, JID 310
APR		Meyers 1201, Mid Valley 1149, TID 1681, WWD 5735, JID 594
MAY		Meyers 1039, Mid Valley 954, TID 4285, WWD 4647, JID 6009
JUN		Meyers 809, MV 883, TID 4965, WWD 3895, JID 4643
JUL		Meyers 210, Mid Valley 436, TID 1937, WWD 861, JID 3953
AUG		James I.D 1081
SEPT		James I.D. 1722

Duck Clubs (Percent Full)	BECK	120	PATOS	COLE	TRANQUILITY	1 ACRE
	100%	100%	100%	0%	100%	100%

Jan, 2017
 DMC Inflow 0 A.F.
 James Bypass Flows 2170 A.F.

Feb, 2017
 DMC Inflow 0 A.F.
 James Bypass Flows 74,026 A.F.

Mar, 2017
 DMC Inflow 0 AF
 James Bypass Flows 201,377 AF

Apr, 2017
 DMC Inflow 0 AF
 James Bypass Flows 214,214 AF

May, 2017
 DMC Inflow 8,331 A.F.
 James Bypass Flows 64,138 A.F.

June, 2017
 DMC Inflow 8,777 A.F
 James Bypass Flows 109,124 A.F.

July, 2017
 DMC Inflow 75,621 A.F.
 James Bypass Flows 35,380 A.F.

Aug, 2017
 DMC Inflow 121,638 A.F.
 James Bypass Flows 1,081 A.F.

Sept, 2017
 DMC Inflow 87,125 A.F
 James Bypass Flows 1,722 A.F.

Oct, 2017
 DMC Inflow A.F
 James Bypass Flows 0 AF

Nov, 2017
 DMC Inflow A.F
 James Bypass Flows 0 A.F.

Dec, 2017
 DMC Inflow 34,315 AF
 James Bypass Flows 0 AF



**MENDOTA POOL WELL PUMP IN
2017**
(ALL FIGURES IN ACRE-FEET)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
COELHO FAMILY TRUST ¹	0	0	0	0	0	0	0	0	105	678	181	516	1480
M.L. DUDLEY & INDART ²	0	0	0	0	0	0	0	0	10	56	10	33	109
FORDEL	0	0	0	0	83	0	0	0	0	0	0	0	83
COELHO WEST	0	0	0	0	0	0	0	0	0	0	0	0	0
CASACA VINYARDS	0	0	0	0	0	0	0	0	0	0	0	0	0
DPF	0	0	0	0	0	0	0	0	0	0	0	0	0
SOLO MIO	0	0	0	0	0	0	0	0	0	0	0	0	0
BAKER FARMS	0	0	0	0	0	0	0	0	0	0	0	0	0
FARMERS W.D.	0	0	0	0	0	0	0	0	0	0	0	0	0
MEYERS	0	0	0	0	0	0	0	15	109	0	0	0	124
MEYERS BANKED	0	0	0	0	0	0	0	0	0	0	0	0	0
SILVER CREEK	0	0	0	0	0	0	0	0	0	0	0	0	0
TRANQUILITY I.D.	0	0	0	0	0	0	0	0	0	0	0	0	0
FCWD	0	0	0	0	0	0	0	0	0	0	0	0	0
YRIBARREN FARMS	0	0	0	0	0	0	0	0	0	0	0	0	0
LEMPESIS V.L.	0	28	0	0	0	72	70	93	33	48	212	45	601
ETCHEGOINBERRY	0	0	0	0	0	0	0	0	0	0	0	0	0
FRESNO SLOUGH W.D.	2	3	0	0	0	0	0	0	0	0	0	0	5
LSK-1	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	2	31	0	0	83	72	70	108	257	782	403	594	2402

NUMBERS SHOWN IN **BOLD** WERE REVISED AFTER DISTRIBUTION OF REPORT

¹ aka TERRA LINDA FARMS

² aka COELHO-GARDNER-HANSEN

Spill Back Credit

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
James ID (per C. Lee)	0	0	0	0	0	0	0	0	0	0	0	0	0
James ID (per JID)	0	0	0	0	0	0	0	0	0	0	110	0	110
Variance	0	0	0	0	0	0	0	0	0	0	-110	0	-110



SAN LUIS UNIT DELIVERIES

(ALL FIGURES IN ACRE-FEET)
December 2017

O'NEILL FOREBAY AND POOL 13, SAN LUIS CANAL

O'NEILL FOREBAY WILDLIFE AREA		60
SAN LUIS WATER DISTRICT	AG	78
	M&I	39
V.A. CEMETERY		9
	SUBTOTAL	186

SAN LUIS CANAL, POOLS 14 THRU 21

SAN LUIS WATER DISTRICT	AG	758
	M&I	2
PANOCHÉ WATER DISTRICT	AG	547
	M&I	3
PACHECO WATER DISTRICT	AG	219
	M&I	0
PACHECO C.C.I.D. NON PROJECT		0
	SUBTOTAL	1529

TOTAL SAN LUIS UNIT 1715

PANOCHÉ M&I INCLUDES 1 A.F. @ 89.70-L DOS PALOS
SAN LUIS WATER DISTRICT WELL WATER CREDIT- M.P. 79.67-R = 0

MONTHLY DELIVERIES FOR SAN FELIPE UNIT

SANTA CLARA VALLEY W.D.		0
SAN BENITO CO. W.D.		0
CASA DE FRUTA		0
	TOTAL	0



Monthly Availability Report

CW "Bill" Jones Pumping Plant

December - 2017

Unit #	Max Hours	Scheduled Outages (1)	%	Unscheduled Outages (2)	%	Over-all Availability %	Starts	Comments
							Pump	
Unit-1	744	0.0	0.00%	98.8	13.28%	86.72%	1	C/W Kinney Strainer seal replacement
Unit-2	744	0.0	0.00%	0.0	0.00%	100.00%	0	
Unit-3	744	158.0	21.24%	0.0	0.00%	78.76%	1	Annual Maintenance
Unit-4	744	0.0	0.00%	0.0	0.00%	100.00%	0	
Unit-5	744	0.0	0.00%	0.0	0.00%	100.00%	0	
Unit-6	744	469.3	63.08%	0.0	0.00%	36.92%	0	Annual Maintenance/Pre-bid Walk Thru
Total	4464	627.3	14%	98.8	2.21%	83.79%	2	

Notes:

(1) Planned maintenance

(2) Emergency outages and maintenance performed with less than 24 hours advance notice



Monthly Availability Report

O'Neill Pump/Generating Plant
December - 2017

Unit #	Max Hours	Scheduled Outages (1)	%	Unscheduled Outages (2)	%	Over-all Availability %	Starts		Comments
							Pump	Gen	
Unit-1	744	744.0	100.00%	0.0	0.00%	0.00%	0	0	Pump/Penstock Rehab
Unit-2	744	0.0	0.00%	0.0	0.00%	100.00%	0	0	
Unit-3	744	0.0	0.00%	0.0	0.00%	100.00%	0	0	
Unit-4	744	0.0	0.00%	0.0	0.00%	100.00%	0	0	
Unit-5	744	0.0	0.00%	0.0	0.00%	100.00%	0	0	
Unit-6	744	0.0	0.00%	0.0	0.00%	100.00%	0	0	
Total	4464	744.0	17%	0.0	0.00%	83.00%	0	0	

Notes:

(1) Planned maintenance

(2) Emergency outages and maintenance performed with less than 24 hours advance notice



Monthly Availability Report

DCI Pumping Plant

December - 2017

Unit #	Max Hours	Scheduled Outages (1)	%	Unscheduled Outages (2)	%	Over-all Availability %	Starts	Comments
							Pump	
Unit-1	744	0.0	0.00%	0.0	0.00%	100.00%	0	
Unit-2	744	0.0	0.00%	0.0	0.00%	100.00%	0	
Unit-5	744	0.0	0.00%	0.0	0.00%	100.00%	0	
Unit-6	744	0.0	0.00%	0.0	0.00%	100.00%	0	
Total	2976	0.0	0%	0.0	0.00%	100.00%	0	

Notes:

(1) Planned maintenance

(2) Emergency outages and maintenance performed with less than 24 hours advance notice