



September 11, 2017

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

FROM: Jason Peltier, Secretary (by Cheri Worthy)

RE: Thursday, September 14, 2017, 9:30 a.m.
Board of Directors' Regular Meeting

Attached are for your review in preparation of the September 14, 2017, Board of Directors' regular meeting are the following documents:

- 1) Notice & Agenda
- 2) Financial & Expenditures Reports
- 3) Material Related to the San Luis Transmission Project
- 4) Memos Related to the Approval of a New Position – Deputy General Counsel
- 5) Operations Update Memo
- 6) Self-Funding Report
- 7) Operations & Maintenance Report
- 8) SGMA Activities Report

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



**Notice of San Luis & Delta-Mendota Water Authority
Board of Directors Regular Meeting
Thursday, September 14, 2017, 9:30 a.m.
SLDMWA Boardroom
842 6th Street, Los Banos**

REVISED AGENDA

Note: All matters listed on the Consent Calendar are considered to be routine and non-controversial and will be acted upon by a single action of the Board of Directors. There will be no separate discussion unless there is a request that a specific item be removed from the Consent Calendar during consideration of Agenda Item 3. If such a request is made, the item may be heard as an action item at this meeting.

Note Further: Any member of the public may address the Board concerning any item on the agenda before or during its consideration of that matter. For each item, public comment is limited to no more than three minutes per person. For good cause, the Chair of the Board may waive this limitation.

1. Call to Order/Roll Call
2. Pledge of Allegiance
3. Board to Consider Corrections or Additions to the Agenda of Items, as authorized by Government Code Section 54950 et seq.
4. Opportunity for Public Comment – Any member of the public may address the Board concerning any matter not on the agenda, but within the Board's jurisdiction. Public comment is limited to no more than three minutes per person. For good cause, the Chair of the Board may waive this limitation.

Consent Calendar

5. **Board of Directors to Consider Approval of Minutes from August 10, 2017 Meeting of the Board of Directors**
6. **Board of Directors to Consider Approval of Financial & Expenditures Reports**

Action Items

7. **Board of Directors to Consider Adoption of Resolution Authorizing Execution of a Memorandum of Understanding By and Among Duke-American Transmission Company, LLC and San Luis & Delta - Mendota Water Authority for The San Luis Transmission Project, Mizuno**
8. **Board of Directors to Consider Approval of a New Position – Deputy General Counsel, Peltier/Rubin**

Report Items

9. Update on Fall X2 Operations and Associated Monitoring, Peltier
10. California WaterFix Update, Peltier
11. Update on San Luis Reservoir Corrective Action Study, Boardman
12. Operations Update and Forecasts, Boardman

13. Committee Reports

- a. Water Resources Committee Activities, Birmingham
- b. Finance & Administration Committee Activities, Pucheu
- c. O & M Technical Committee Activities, White

14. Reports on Activities of the following Agencies that are Outside of the Authority:

- a. State and Federal Contractors Water Agency
- b. Family Farm Alliance
- c. Farm Water Coalition
- d. Association of California Water Agencies
- e. San Joaquin Valley Water Infrastructure Authority

15. Chairman's Report, Michael

(May include reports on activities planned or undertaken by Chairman to promote interests of the Authority, including meetings with member agencies, other water users, federal/state/local agencies, non-governmental entities)

16. Monthly Staff Reports

- a. Self-Funding, Mederios
- b. Operations & Maintenance, Mizuno
- c. Water Transfer/Exchange Update, Mizuno
- d. SGMA, Mizuno
- e. Drainage Activity, Rathmann
- f. Water Policy Administrator, Azhderian

(May include reports on activities related to CVP/SWP regulated operations, science and fisheries, regional planning and Disadvantaged Communities programs, and legislative and educational activities)

- g. Executive Director's Report, Peltier

(May include reports on activities related to CVP/SWP water operations, regulation of the CVP/SWP by fishery agencies, the Coordinated Operations Agreement, State and Federal policies, public education and outreach, collaboration with other Public Water Agencies and/or Non-Governmental Organizations on planning efforts, or projects that may benefit water supply and/or the environment)

17. **CLOSED SESSION**

PUBLIC EMPLOYEE PERFORMANCE EVALUATION

Title: General Counsel

PUBLIC EMPLOYEE PERFORMANCE EVALUATION

Title: Executive Director

PUBLIC EMPLOYMENT (not before 11:00 a.m.)

Title: Deputy General Counsel

Conference with Legal Counsel -- Anticipated Litigation: Initiation of Litigation Pursuant to paragraph (4) of Subdivision (d) of Government Code Section 54956.9 – 2 potential cases

Conference with Legal Counsel – Anticipated Litigation: Significant Exposure to Litigation Pursuant to Paragraph (2) or (3) of Subdivision (d) of Government Code Section 54956.9 – 5 potential cases

Conference with Legal Counsel: Existing Litigation Pursuant to paragraph (1) of Subdivision (d) of Section 54956.9

- A. Natural Resources Defense Council, et al. v. Salazar et al., U.S. Court of Appeals, 9th Cir., Appeal Case No. 09- 17661; Natural Resources Defense Council et al. v Jewell et al., U.S. District Court, E.D. Cal., Case No. 1:05-cv-01207, LJO-BAM (Old FWS – OCAP BO/Contracts)
- B. Central Delta Water Agency v. State Water Resources Control Board et al., Sacramento County Superior Court Case No. 34-2010-80000520 (Petition to Prohibit CDO proceedings)
- C. Modesto Irrigation District, et al. v. State Water Resources Control Board & Woods Irrigation Company, Sacramento County Superior Court Case No. 34-2011-80000803 (Complaint for Declaratory Relief re Woods Irrigation Company)
- D. San Luis & Delta-Mendota Water Authority et al. v. State Water Resources Control Board, et al., Sacramento County Superior Court Case No. 34-2013-800001486 (Dunkel Order)
- E. SWRCB Water Rights Complaints: Modesto Irrigation District, State Water Contractors, San Luis & Delta-Mendota Water Authority, Interested Persons in SWRCB CDO Enforcement Proceedings and/or Petitions for Reconsideration: Woods Irrigation Company; Pak & Young; Mussi et al; George Speckman Testamentary Trust (Water Rights Complaints)
- F. Pacific Coast Federation of Fishermen’s Associations, California Sportfishing Protection Alliance, Friends of the River, San Francisco Crab Boat Owners Association, Inc., The Institute for Fisheries Resources, and Felix Smith v. Donald R. Glaser and San Luis & Delta-Mendota Water Authority, U.S. District Court, E.D. Cal., Case No. 2:11-CV-02980-KJM-CKD (“PCFFA v Glaser” or “GBP Citizens Suit”)
- G. San Luis & Delta-Mendota Water Authority and Westlands Water District v. Delta Stewardship Council, et al., Sacramento County Superior Court Case No. 34-2013-80001500 (Delta Plan Litigation) Appeals in Delta Plan Litigation:

City of Stockton v. Delta Stewardship Council, et al. (Sacramento County Superior Court JCCP No. 4758)(Third District Court of Appeal Case No. C082994); State Water Contractors, et al. v. Delta Stewardship Council, et al. (Sacramento County Superior Court JCCP No. 4758) (Third District Court of Appeal Case No. C082944); California Water Impact Network, et al. v. Delta Stewardship Council, et al. (Sacramento County Superior Court JCCP No. 4758) (Third District Court of Appeal Case No. C082994); Central Delta Water Agency, et al. v. Delta Stewardship Council, et al. (Sacramento County Superior Court JCCP No. 4758) (Third District Court of Appeal Case No. C082994); North Coast Rivers Alliance, et al. v. Delta Stewardship Council, et al. (Sacramento County Superior Court JCCP No. 4758) (Third District Court of Appeal Case No.C082994); San Luis & Delta-Mendota Water Agency, et al. v. Delta Stewardship Council, et al. (Sacramento County Superior Court JCCP No. 4758) (Third District Court of Appeal Case No. C082994); Save the California Delta Alliance v. Delta Stewardship Council, et al. (Sacramento County Superior Court JCCP No. 4758) (Third District Court of Appeal Case No. C082994)

- H. AquAlliance, et. al., v. U.S. Bureau of Reclamation, et. al., U.S. District Court, E.D. Cal., Case No. 1:15- CV-00754 LJO BAM (Challenge to Long-Term Transfer EIR/EIS)
- I. California Sportfishing Protection Alliance, et al. vs. California State Water Resources Control Board, et al., Alameda County Superior Court Case No. RG15780498 (State WQCP/TUCP)
- J. In re State Water Resources Control Board Petition Requesting Changes in Water Rights of the Department of Water Resources and U.S. Bureau of Reclamation for the California Waterfix Project (Waterfix Change Petition)
- K. San Luis & Delta-Mendota Water Authority, et al. v. State Water Resources Control Board, et al., Sacramento County Superior Court Case No. 34-2016-80002075 (TUCP Extension)
- L. Oakdale Groundwater Alliance et al. v. Oakdale Irrigation District et al., Stanislaus County Superior Court, Case No. 2019380 (OID On Farm Conservation-Transfer)
- M. Yuba County Water Agency v. Cordua Irrigation District, et al., Yuba County Superior Court, Case No. YCSCCVPT 16-0000324 (Cordua Transfer)
- N. Natural Resources Defense Council, et al. v. McCarthy, et al., U.S. District Court, N.D. Cal., Case No. 16-CV-02184-JST (“USEPA CWA Compliance Suit”)
- O. San Luis & Delta-Mendota Water Authority, et al. v. Sally Jewell, et al., U.S. District Court, E.D. Cal., Case No. 1:16-CV-983 (“EIS on OCAP BiOps Suit”)
- P. City of Fresno, et al. v. United States, U.S. Court of Federal Claims, Case No. 16-1276L (“Friant Takings Suit”)

18. Return to Open Session

19. Report from Closed Session, if any Required by Government Code Section 54957.1

20. Reports Pursuant to Government Code Section 54954.2(a)(2)

21. ADJOURNMENT

Persons with a disability may request disability-related modification or accommodation by contacting Cheri Worthy or Felicia Luna at the San Luis & Delta-Mendota Water Authority Office, 842 6th Street, P O Box 2157, Los Banos, California, telephone: 209/826-9696 at least 3 for regular or 1 for special day(s) before the meeting date.



MEMO

TO: Frances Mizuno, Assistant Executive Director

FROM: Guy Wamocha, Supervisor of Accounting

SUBJECT: September 2017 BOD Meeting Report - Finance
March 1, 2017 through February 28, 2018

DATE: September 14, 2017

Receivable Activity Report: (Period Ending August 20, 2017).

The prior receivable balance as of July 20, 2017 was \$961,089.04.

Billings for the period ending August 20, 2017 were \$4,933,958.06 (\$1,937.56 for various employees – Cobra; \$49,487.50 for various districts – Delta-Mendota Canal Well Pump-In Program; \$3,869,064.50 for various districts – FY18 membership assessment Second Installment; \$3,221.38 for various districts – Milepost/Metering Services 04/01/17-6/30/17; \$354.60 for various employees – employee retirement payroll deduction reimbursement; \$113.05 for various employees – employee Visa reimbursement; \$500.00 for Los Banos Community Center – August 2, 2017 Rental Refund; \$5,112.07 for SJVDA – June 2017 Expenses; \$984,721.28 for various districts – San Joaquin River Exchange Contractors Water Agency (SJREWA) July 2017 Deliveries; \$19,150.49 for USBR – Emergency Services Contract; \$295.63 for various districts – Volta Groundwater Wells 06/22/17 – 07/23/17).

Collections for the period ending August 20, 2017 were \$1,745,192.15 (\$3,642.79 from California High Speed Rail Authority – Planning and coordination Agreement HSR 16-54; \$3,875.12 from various employees – Cobra; \$68,386.80 from various districts – Central/Northern DM Region SGMA Initial Budget Costs; \$32,356.58 from various districts – Delta-Mendota Canal Well Pump-In Program; \$176,489.71 from various districts – DHCCP 2013A 9/1/17 Debt Service/Arbitrage; \$1,400,303.28 from various districts – Membership billing first & second installment FY18; \$2,082.92 from various districts – Milepost/Metering Services 04/01/17-06/30/17; \$74.24 from Panoche Water District – PWD Controller Interview Lunch Expenses; \$500.00 from Los Banos Community Center – August 2, 2017 Rental Refund; \$3,841.09 from SJVDA – May 2017 Expenses; \$19,150.49 from USBR – Emergency Service Contract 4/1/17-6/30/17; \$34,189.88 from various districts – Volta Groundwater Wells 11/21/16-6/21/17; \$299.25 for various districts – Yuba County Water Agency Transfers 2017 Fixed Annual Interest).

Total Receivables balance ending August 20, 2017 was **\$4,149,854.95.**

Cash Activity Report: (Period Ending August 20, 2017).

Total Cash balance for all accounts on July 20, 2017 was \$29,994,447.22.

Cash on Hand account balance as of July 20, 2017 was \$0. Total increase in this account was \$0. Total decrease in this account was \$0. Cash balance on August 20, 2017 was **\$0**.

Central Valley Community Bank - Checking balance as of July 20, 2017 was (\$112,018.37). Total increase in this account was \$1,348,571.98 (All transfer from Transactional Account). Total decrease in this account was \$1,339,938.62 (\$1,087,264.33 for check disbursements; \$91,452.98 Wire to IRS (Payroll tax deposit); \$28,282.87 Wire to EDD (payroll tax deposit); \$132,734.46 Wire to ICMA – retirement funds deposit; \$203.98 Bank Service fees).

Total balance in the Checking account as of August 20, 2017 was **(\$103,385.01)**.

Central Valley Community Bank – Payroll Checking balance as of July 20, 2017 was \$196,462.84. Total increase in this account was \$388,531.39 (All transfer from Transactional Account). Total decrease in this account was \$584,984.23 (All issue payroll). Total balance in the Payroll Checking account as of August 20, 2017 was **\$10.00**.

Central Valley Community Bank - Transactional Account balance as of July 20, 2017 was \$1,855,121.45. Total increase in this account was \$6,349,916.32 (\$3,603,735.55 O&M Collections; \$1,400,303.28 Membership Assessments; \$325,738.38 Other Collections; \$19,150.49 from USBR – Emergency Service Contract; \$1,000,000.00 Transfer from Muni; \$988.62 from Interest).

Total decrease in this account was \$2,990,353.27 (\$388,531.39 Transfer to Payroll; \$1,078,195.33 Wire to USBR – O&M Joint Use of Facilities plus Power Bill; \$174,994.57 Transfer to DHCCP; \$1,348,571.98 Transfer to Checking; \$60.00 Wire fees).

Total balance in the Transactional Account as of August 20, 2017 was **\$5,214,684.50**.

Central Valley Community Bank – Muni Account balance as of July 20, 2017 was \$3,171,306.92. Total increase in this account was \$1,616.06 (All from interest).

Total decrease in this account was \$1,000,000.00 (All Transfer to Transactional Account).

Total balance in the Muni account as of August 20, 2017 was **\$2,172,922.98**.

Cal Trust – Investment Account balance as of July 20, 2017 was \$18,226,927.98. Total increase in this account was \$33,135.11 (\$12,964.19 from adjustment in change in market share; \$20,170.92 from interest). The decrease in this account was \$0.

Total balance in the Investment account as of August 20, 2017 was **\$18,260,063.09**.

LAIF account balance as of July 20, 2017 was \$6,655,946.40. Total increase in this account was \$0. Total decrease in this account was \$0. Total cash balance on August 20, 2017 was **\$6,655,946.40**.

Petty Cash account balance as of July 20, 2017 was \$700.00. Total increase was \$0.

Total decrease was \$0. Total Petty Cash balance on August 20, 2017 was **\$700.00**.

Total Cash balance for all accounts as of August 20, 2017 was **\$32,200,941.96**.

Budget to Actual Comparison: Funds 03 through 56: (Baseline for measurement is 5 months).

Note that year-to-date actual expenditures comparison to budget is an estimate only. Invoicing may not be uniform all year round. A true reflection of expenses is done at year-end after all accruals are booked and all necessary reconciliations are completed.

Member Funded Activities (March 1, 2017 through July 31, 2017). Baseline measurement is 41.67% (5 months). YTD spending is trending positive (in total) with an actual spending of 23.23% of the FY18 budget when compared to 41.67% of the budget.

DMC Budget to Actual Comparison Summary: (March 1, 2017 through July 31, 2017).

Baseline measurement is 41.67% (5 months).

YTD spending reflects a positive trend with actual spending of 39.27% of the approved budget when compared to 41.67% as budgeted.

**San Luis & Delta-Mendota Water Authority
Cash Activity Report
Period Ending August 20, 2017**

	Cash On Hand	CVCB Checking 0.00%	CVCB Payroll 0.00%	CVCB Transactional 0.60%	CVCB Muni 0.60%	CallTrust ST 1.17% MT 1.50%	LAIF 1.09%	Petty Cash	Total Cash
CASH BALANCE July 20, 2017	\$0.00	(\$112,018.37)	\$196,462.84	\$1,855,121.45	\$3,171,306.92	\$18,226,927.98	\$6,655,946.40	\$700.00	\$29,994,447.22
Increases									
O & M Collections				3,603,735.55					3,603,735.55
Membership Assessments				1,400,303.28					1,400,303.28
Other Receivables				325,738.38					325,738.38
Wire from USBR - Emergency Service Contract				19,150.49					19,150.49
Transfer from Transactional Account			388,531.39						388,531.39
Transfer from Muni Account		1,348,571.98							1,348,571.98
Adjustment in change in market share				1,000,000.00					1,000,000.00
Interest				988.62	1,616.06				2,604.68
TOTAL INCREASES	0.00	1,348,571.98	388,531.39	6,349,916.32	1,616.06	33,135.11	0.00	0.00	8,121,770.86
Decreases									
Check Disbursements (Attached)		1,087,264.33							1,087,264.33
Issue Payroll			584,984.23						584,984.23
Transfer to Payroll				388,531.39					388,531.39
Wire to USBR - O&M Joint Use Facilities + Power				1,078,195.33					1,078,195.33
Wire to IRS (Payroll Tax Deposit)		91,452.98							91,452.98
Wire to EDD (Payroll Tax Deposit)		28,282.87							28,282.87
Wire to ICMA (Retirement Deposit)		132,734.46							132,734.46
Transfer to Transaction Account				174,994.57	1,000,000.00				1,174,994.57
Transfer to DHCCP				1,348,571.98					1,348,571.98
Transfer to Checking		203.98		60.00					263.98
Bank Service Charge/Wire Fees									
TOTAL DECREASES	0.00	1,339,938.62	584,984.23	2,990,353.27	1,000,000.00	0.00	0.00	0.00	5,915,276.12
CASH BALANCE August 20, 2017	\$0.00	(\$103,385.01)	\$10.00	\$5,214,584.50	\$2,172,922.98	\$18,260,063.09	\$6,655,946.40	\$700.00	\$32,200,941.96
Unreconciled, bank statements expected by 8/10/17									
Daily interest rates through 8/20/17									
Net Increase (Decrease)		\$8,633.36	(\$196,452.84)	\$3,359,563.05	(\$998,383.94)	\$33,135.11	\$0.00	\$0.00	\$2,206,494.74
		Sweeps from Transactional Account	July 21, 2017 Payroll	Transfer from/to Other Accounts, Collections & Payable	Transfer to Trans Account & Interest	Interest & adjustment in change in market price			

San Luis & Delta-Mendota Water Authority
Receivable Activity Report (Does Not Include Water Payment Transactions)
Period Ending August 20, 2017

	SELF-FUNDING DIST/OTHERS	MEMBERS	USBR EMERGENCY	USBR GRANTS	USBR MISC.	OTHER	TOTAL RECEIVABLE
RECEIVABLE BALANCE JULY 20, 2017	\$ -	\$ 507,857.25	\$ -	\$ -	\$ -	\$ 453,231.79	\$ 961,089.04
Billings:							
Cobra - Various Employees						1,937.56	1,937.56
Delta-Mendota Canal Well Pump-In Program - Various Districts						49,487.50	49,487.50
Membership Assessments FY17/18 - Second Installment		3,869,064.50					3,869,064.50
Milepost/Metering Services - 04/01/17-06/30/17 - Various Districts						3,221.38	3,221.38
Miscellaneous - Employee Retirement Payroll Deduction Reimbursement						354.60	354.60
Miscellaneous - Employee Visa Reimbursement						113.05	113.05
Miscellaneous - Los Banos Community Center - August 2, 2017 Rental Refund						500.00	500.00
San Joaquin Valley Drainage Authority - June 2017 Expenses						5,112.07	5,112.07
SJRECWA July 2017 Deliveries - Various Districts						984,721.28	984,721.28
USBR Emergency Services Contract #R15PC00029 - 4/1/17-6/30/17			19,150.49				19,150.49
Volta Groundwater Wells - 06/22/17-07/23/17 - Various Districts						295.63	295.63
TOTAL BILLINGS	\$ -	\$ 3,869,064.50	\$ 19,150.49	\$ -	\$ -	\$ 1,045,743.07	\$ 4,933,958.06
Collections:							
California High Speed Rail Authority - Planning & Coordination Agreement HSR 16-54						3,642.79	3,642.79
Cobra - Various Employees						3,875.12	3,875.12
Central/Northern DM Region SGMA Initial Budget Costs - Various Districts						68,386.80	68,386.80
Delta-Mendota Canal Well Pump-In Program - Various Districts						32,356.58	32,356.58
DHCCP 2013A - 9/1/17 Debt Service/Arbitrage - Various Districts						176,489.71	176,489.71
Membership Assessments FY17/18 - First Installment		436,039.10					436,039.10
Membership Assessments FY17/18 - Second Installment		964,264.18					964,264.18
Milepost/Metering Services - 04/01/17-06/30/17 - Various Districts						2,082.92	2,082.92
Miscellaneous - Panoche Water District - PWD Controller Interview Lunch Expenses						74.24	74.24
Miscellaneous - Los Banos Community Center - August 2, 2017 Rental Refund						500.00	500.00
San Joaquin Valley Drainage Authority - May 2017 Expenses						3,841.09	3,841.09
USBR Emergency Services Contract #R15PC00029 - 4/1/17-6/30/17			19,150.49				19,150.49
Volta Groundwater Wells - 11/21/16-06/21/17 - Various Districts						34,189.88	34,189.88
YCWAT 2017 Fixed Annual Interest - Various Districts						299.25	299.25
TOTAL COLLECTIONS	\$ -	\$ 1,400,303.28	\$ 19,150.49	\$ -	\$ -	\$ 326,738.38	\$ 1,746,192.15
RECEIVABLE BALANCE AS OF PERIOD ENDING AUGUST 20, 2017	\$ -	\$ 2,978,618.47	\$ -	\$ -	\$ -	\$ 1,173,236.48	\$ 4,149,854.95

San Luis & Delta-Mendota Water Authority
Cash Activity Detail Report - Operational

For Period July 21, 2017 through August 20, 2017

Date	Daily Interest Rates: Type of Account: Account #	Cash on Hand	0.00% Checking 0471	0.00% CVCB Payroll 0489	0.60% CVCB Transactional 0463	0.60% CVCB Muni 4858	ST 1.17% - 1.5 MT % Call Trust 25-10	1.09% LAIF 4-006	Petty Cash	Total
Receipts - Remote Deposit										
7/21/2017	Deposit	0.00	(112,018.37)	195,452.84	1,855,121.45	3,171,306.92	0.00	6,655,946.40	700.00	29,994,447.22
7/24/2017	Cash Receipt - Not able to remote deposit check	15,359.64	0.00	0.00	230,527.73	0.00	0.00	0.00	0.00	230,527.73
7/25/2017	7/24 Cash Receipt deposited at bank	(15,359.64)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15,359.64
7/25/2017	Deposit	0.00	0.00	0.00	15,359.64	0.00	0.00	0.00	0.00	15,359.64
7/27/2017	Deposit	0.00	0.00	0.00	3,841.09	0.00	0.00	0.00	0.00	3,841.09
7/28/2017	Deposit	0.00	0.00	0.00	34,591.79	0.00	0.00	0.00	0.00	34,591.79
7/31/2017	Deposit	0.00	0.00	0.00	41,504.17	0.00	0.00	0.00	0.00	41,504.17
8/1/2017	Deposit	0.00	0.00	0.00	9,247.82	0.00	0.00	0.00	0.00	9,247.82
8/2/2017	Deposit	0.00	0.00	0.00	3,642.78	0.00	0.00	0.00	0.00	3,642.78
8/4/2017	Deposit	0.00	0.00	0.00	18,746.60	0.00	0.00	0.00	0.00	18,746.60
8/7/2017	Deposit	0.00	0.00	0.00	5,925.19	0.00	0.00	0.00	0.00	5,925.19
8/8/2017	Deposit	0.00	0.00	0.00	53,953.95	0.00	0.00	0.00	0.00	53,953.95
8/10/2017	Deposit	0.00	0.00	0.00	14,240.11	0.00	0.00	0.00	0.00	14,240.11
8/11/2017	Deposit	0.00	0.00	0.00	30,280.07	0.00	0.00	0.00	0.00	30,280.07
8/14/2017	Deposit	0.00	0.00	0.00	403,483.67	0.00	0.00	0.00	0.00	403,483.67
8/15/2017	Deposit	0.00	0.00	0.00	118,339.63	0.00	0.00	0.00	0.00	118,339.63
8/17/2017	Deposit	0.00	0.00	0.00	279,624.57	0.00	0.00	0.00	0.00	279,624.57
8/18/2017	Deposit	0.00	0.00	0.00	5,907.87	0.00	0.00	0.00	0.00	5,907.87
8/18/2017	Deposit	0.00	0.00	0.00	779,552.90	0.00	0.00	0.00	0.00	779,552.90
8/18/2017	Deposit	0.00	0.00	0.00	2,048,770.59	0.00	0.00	0.00	0.00	2,048,770.59
Wired Receipts - Direct Deposit										
7/24/2017	Byron Bethany ID	0.00	0.00	0.00	13,350.35	0.00	0.00	0.00	0.00	13,350.35
8/15/2017	Westlincs WD - SF O&M	0.00	0.00	0.00	3,103,880.32	0.00	0.00	0.00	0.00	3,103,880.32
8/15/2017	San Luis WD - SF O&M	0.00	0.00	0.00	163,773.95	0.00	0.00	0.00	0.00	163,773.95
8/15/2017	Emergency Services 4/1/17-6/30/17 inv4002	0.00	0.00	0.00	3,281,008.52	0.00	0.00	0.00	0.00	3,281,008.52
Direct Deposit In from USBR										
8/2/2017	Transfer to DHCCP	0.00	0.00	0.00	19,150.49	0.00	0.00	0.00	0.00	19,150.49
8/9/2017	Transfer to DHCCP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/11/2017	Transfer to DHCCP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/14/2017	Transfer to DHCCP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/15/2017	Transfer to DHCCP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/15/2017	Transfer to DHCCP	0.00	0.00	0.00	174,894.57	0.00	0.00	0.00	0.00	174,894.57
8/2/2017	Payroll	0.00	0.00	195,452.84	0.00	0.00	0.00	0.00	0.00	195,452.84
7/21/2017	Accounts Payable Visa Payments	0.00	(14,766.53)	0.00	0.00	0.00	0.00	0.00	0.00	(14,766.53)
7/25/2017	Accounts Payable	0.00	(754.38)	0.00	0.00	0.00	0.00	0.00	0.00	(754.38)
7/25/2017	Accounts Payable	0.00	(134,051.05)	0.00	0.00	0.00	0.00	0.00	0.00	(134,051.05)
7/26/2017	Void Check #023017	0.00	7.50	0.00	0.00	0.00	0.00	0.00	0.00	7.50
8/1/2017	Accounts Payable	0.00	(447,592.68)	0.00	0.00	0.00	0.00	0.00	0.00	(447,592.68)
8/2/2017	Accounts Payable	0.00	(25,000.00)	0.00	0.00	0.00	0.00	0.00	0.00	(25,000.00)
8/4/2017	Payroll	0.00	0.00	(194,130.81)	0.00	0.00	0.00	0.00	0.00	(194,130.81)
8/7/2017	Payroll	0.00	0.00	(712.01)	0.00	0.00	0.00	0.00	0.00	(712.01)
8/8/2017	Accounts Payable	0.00	(342,649.39)	0.00	0.00	0.00	0.00	0.00	0.00	(342,649.39)
8/9/2017	Void Check #235373	0.00	577.43	0.00	0.00	0.00	0.00	0.00	0.00	577.43
8/16/2017	Accounts Payable	0.00	(123,035.13)	0.00	0.00	0.00	0.00	0.00	0.00	(123,035.13)
8/16/2017	Payroll	0.00	0.00	(192,669.14)	0.00	0.00	0.00	0.00	0.00	(192,669.14)
8/18/2017	Payroll Adjustment	0.00	0.00	(1,019.43)	0.00	0.00	0.00	0.00	0.00	(1,019.43)
8/18/2017	Payroll Adjustment	0.00	0.00	584,984.23	0.00	0.00	0.00	0.00	0.00	584,984.23
Checks Written										
7/24/2017	ICMA 7/15/17 - 7/14/17	0.00	(65,804.90)	0.00	0.00	0.00	0.00	0.00	0.00	(65,804.90)
7/26/2017	EDD 7/1/17 - 7/14/17 SDI & SWT	0.00	(13,751.34)	0.00	0.00	0.00	0.00	0.00	0.00	(13,751.34)
7/26/2017	EDD 7/1/17 - 7/14/17 UI & ETT	0.00	(180.93)	0.00	0.00	0.00	0.00	0.00	0.00	(180.93)
7/26/2017	IRS 7/1/17 - 7/14/17	0.00	(45,213.34)	0.00	0.00	0.00	0.00	0.00	0.00	(45,213.34)
8/7/2017	ICMA 7/15/17 - 7/28/17	0.00	(66,712.33)	0.00	0.00	0.00	0.00	0.00	0.00	(66,712.33)
8/7/2017	ICMA 7/15/17 - 8/2/17	0.00	(217.23)	0.00	0.00	0.00	0.00	0.00	0.00	(217.23)
8/9/2017	EDD 7/15/17 - 7/28/17 SDI & SWT	0.00	(14,027.78)	0.00	0.00	0.00	0.00	0.00	0.00	(14,027.78)
8/9/2017	EDD 7/15/17 - 7/28/17 UI & ETT	0.00	(279.59)	0.00	0.00	0.00	0.00	0.00	0.00	(279.59)
8/9/2017	IRS 7/15/17 - 7/28/17	0.00	(46,185.70)	0.00	0.00	0.00	0.00	0.00	0.00	(46,185.70)
8/11/2017	EDD 7/31/17 - 8/2/17 SDI & SWT	0.00	(13.06)	0.00	0.00	0.00	0.00	0.00	0.00	(13.06)
8/11/2017	EDD 7/31/17 - 8/2/17 UI & ETT	0.00	(30.17)	0.00	0.00	0.00	0.00	0.00	0.00	(30.17)
8/11/2017	IRS 7/31/17 - 8/2/17	0.00	(53.94)	0.00	0.00	0.00	0.00	0.00	0.00	(53.94)
8/11/2017	Payroll Adjustment	0.00	(252,473.31)	0.00	0.00	0.00	0.00	0.00	0.00	(252,473.31)
8/11/2017	Payroll Adjustment	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Wires In from LAIF / CallTrust										
8/11/2017	Wires In from LAIF / CallTrust	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/11/2017	Wires In from LAIF / CallTrust	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/11/2017	Wires In from LAIF / CallTrust	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

San Luis & Delta-Mendota Water Authority

Budget to Actual Comparison Summary

March 1, 2017 through July 31, 2017

	Budget Type	FY Budget 3/1/17 - 2/28/18	Actual To Date 3/1/17 - 7/31/17	% of Budget	Notes	Amount Remaining
03	General Membership (Administrative Agreement)	212,033 78,250	74,958 37,997	35.35% 48.56%		137,075 40,254
07	Leg/CVP Operations #1 (All Members)	1,835,349 146,358	539,558 66,639	29.40% 45.53%		1,295,791 79,719
12	Delta Issues Participation (DIPS)	827,151 27,393	170,908 3,816	20.66% 13.93%		656,243 23,577
08	Leg/CVP Operations #2	1,180,539 51,345	292,380 8,164	24.77% 15.90%		888,159 43,181
06	Reallocation Agreement	766 966	364 123	47.55% 12.77%		402 843
35	Contract Renewal Coordinator	141,421 1,118	23,865 630	16.87% 56.33%	1	117,556 488
09	Leg/CVP Operations #3	776 2,203	364 201	46.94% 9.13%		412 2,002
28	Yuba County Water Transfers	3,171 2,986	439 2,654	13.84% 88.87%	2	2,732 332
22	Grassland Basin Drainage #3A (General Participation)	2,749,986 5,146	465,461 687	16.93% 13.35%		2,284,525 4,459
64	SGMA - Northern Delta-Mendota Region	569,181 3,233	32,721 427	5.75% 13.21%		536,460 2,806
65	SGMA - Central Delta-Mendota Region	569,181 3,233	44,893 427	7.89% 13.21%		524,288 2,806

San Luis & Delta-Mendota Water Authority

Budget to Actual Comparison Summary

March 1, 2017 through July 31, 2017

	Budget Type	FY Budget 3/1/17 - 2/28/18	Actual To Date 3/1/17 - 7/31/17	% of Budget	Notes	Amount Remaining
44	Exchange Contractors - 5 Year Transfer	1,751	439	25.05%		1,312
	Administration	2,828	240	8.49%		2,588
56	Long-Term North to South Water Transfer Program	61,450	27,089	44.08%		34,361
	Administration	1,438	152	10.54%		1,286
16	DHCCP	153,177	45,045	29.41%		108,132
	Administration	54,591	25,319	46.38%		29,272
34	State and Federal Contractors	794,607	331,231	41.68%		463,376
	Water Agency	30,144	14,807	49.12%		15,337
37	SB104 Drought Grant	31,164	4,423	14.19%		26,741
	Administration	7,070	2,245	31.76%		4,825
TOTAL		9,550,005	2,218,664	23.23%		7,331,341
		5 / 12 X 9,550,004.52 \$	3,979,169	41.67%		
		Budget vs. Actual	1,760,505			

Notes:

1. Contract Renewal Coordinator (Fund 35) trending over budget due to administrative expenses
2. Yuba County Water Transfer (Fund 28) trending over budget due to administrative expenses

San Luis & Delta-Mendota Water Authority
DMC without CIP / E O&M
Budget to Actual Comparison Summary
March 1, 2017 through July 31, 2017

	FY Budget 3/1/17 - 2/28/18	Actual To Date 3/1/17 - 7/31/17	% of Budget	Budget Amount Remaining
Operate & Maintain DMC	4,407,218.53	1,849,305.70	41.96%	2,557,912.83
Operate & Maintain Wasteways	199,430.65	20,058.54	10.06%	179,372.12
Mendota Pool	139,349.75	65,993.90	47.36%	73,355.85
Columbia Mowery Meters	-	-	0.00%	-
Operate & Maintain JPP	2,244,503.16	789,381.63	35.17%	1,455,121.53
Intertie Maintenance	203,320.01	34,058.85	16.75%	169,261.16
Volta Wells Pumping	-	0.00	0.00%	(0.00)
Operate & Maintain O'Neill	1,316,960.39	696,429.11	52.88%	620,531.28
Maintain Tracy Fish Facility	287,492.10	25,927.58	9.02%	261,564.51
Maintain Fish Release Site	6,098.90	78.03	1.28%	6,020.87
Operate & Maintain Tracy USBR	4,608.46	623.55	13.53%	3,984.91
Operate & Maintain San Luis Drain	75,561.86	22,989.24	30.42%	52,572.62
Maintain Delta Cross Channel	72,222.41	7,155.82	9.91%	65,066.59
WAPA	1,831.18	-	0.00%	1,831.18
Warehousing	145,851.15	68,157.77	46.73%	77,693.38
Tracy Field Office Expense	548,712.23	123,329.05	22.48%	425,383.18
Direct Administrative/General Expense	914,588.71	433,212.50	47.37%	481,376.21
Indirect Administrative/General Expense	185,215.20	50,069.43	27.03%	135,145.77
Indirect O & M LBAO Admin.	1,630,733.97	676,482.79	41.48%	954,251.18
TOTAL	12,383,698.67	4,863,253.49	39.27%	7,520,445.18
	11,863,783	4,809,392	40.54%	7,054,391
	519,915	44,271	8.52%	475,644
	12,383,699	9,590		(9,590)
		4,863,253		7,520,445
	YTD %	41.67%		

Total from Self-Funding - page 2
Total from USBR - page 3
Total from Special Projects - page 4
Totals

- A. Does NOT include DWR Wheeling
- B. Volta Wells Pumping redirected to Operate & Maintain DMC

NOTES 1. OU-6 rehabilitation at O'Neill

San Luis & Delta-Mendota Water Authority

Self-Funding Portion of DMC

Budget to Actual Comparison Summary

March 1, 2017 through July 31, 2017

	FY Budget 3/1/17 - 2/28/18	Actual To Date 3/1/17 - 7/31/17	% of Budget	Budget Amount Remaining
Operate & Maintain DMC	4,407,218.53	\$1,849,305.70	41.96%	2,557,912.83
Operate & Maintain Wasteways	199,430.65	\$20,058.54	10.06%	179,372.12
Mendota Pool	139,349.75	\$65,993.90	47.36%	73,355.85
Operate & Maintain TPP	2,244,503.16	\$789,381.63	35.17%	1,455,121.53
Intertie Maintenance	203,320.01	\$34,058.85	16.75%	169,261.16
Volta Wells Pumping	-	\$0.00	0.00%	(0.00)
Operate & Maintain O'Neill	1,316,960.39	\$696,429.11	52.88%	620,531.28
Operate & Maintain San Luis Drain	75,561.86	\$22,989.24	30.42%	52,572.62
Total Direct O & M	8,586,344.36	\$3,478,216.97	40.51%	5,108,127.38
Warehousing	139,563.24	67,145.13	48.11%	72,418.11
Tracy Field Office Expense	525,056.25	121,496.71	23.14%	403,559.54
Direct Administrative/General Expense	875,159.13	426,776.11	48.77%	448,383.02
Indirect Administrative/General Expense	177,230.24	49,325.53	27.83%	127,904.71
Indirect O & M LBAO Admin.	1,560,430.06	666,432.04	42.71%	893,998.02
Total Indirect Allocated to O & M	3,277,438.92	1,331,175.52	40.62%	1,946,263.40
Total SLDMWA O&M	11,863,783.28	4,809,392.49	40.54%	7,054,390.79

A. Does NOT include DWR Wheeling

B. Volta Wells Pumping redirected to Operate & Maintain DMC

San Luis & Delta-Mendota Water Authority DMC Indirect Cost Allocated to Special Projects

March 1, 2017 through July 31, 2017

Special Projects allocated		
Indirect allocated to Special Projects		
Warehousing	483.72	
Tracy Field Office Expense	875.28	
Direct Administrative/General Expense	3,074.54	
Indirect Administrative/General Expense	355.35	
Indirect O & M LBAO Admin.	4,801.05	
Total Indirect Allocated to SPECIAL PROJECTS	9,589.93	
TOTAL INDIRECT ALLOCATED TO SPECIAL PROJECTS	9,589.93	

San Luis & Delta-Mendota Water Authority

CIP / EO&M / PAT Grants

Budget to Actual Comparison Summary

March 1, 2017 through July 31, 2017

	FY Budget 3/1/17 - 2/28/18	Actual To Date 3/1/17 - 7/31/17	% of Budget	Budget Amount Remaining
Capital Improvements Projects	5,561,944.71	\$117,244.41	2.11%	5,444,700.30
ONP-Siphon System Upgrades	-	\$0.00	0.00%	-
TPP-Replace Cooling WaterLines	-	\$0.00	0.00%	-
JPP-Trashrack Replacement 1of2	-	\$0.00	0.00%	-
JPP-Replace Unit 1 Impeller	-	\$0.00	0.00%	-
DMC-Radial Gate Repainting Check 20	-	\$0.00	0.00%	-
Upper DMC SCADA System Improvement	-	\$5,045.69	0.00%	(5,045.69)
Flow Measurement-Mendota Pool	-	\$1,108.93	0.00%	(1,108.93)
ONP-Communication Line Replacement	-	\$0.00	0.00%	-
Unit Rewind Phase 1	-	\$0.00	0.00%	-
Replace Computer/Network Comm Equipment	42,350.00	\$13,575.95	32.06%	28,774.05
Vehicle Replacement	165,900.00	\$160,288.88	96.62%	5,611.12
Heavy Equipment Replacement	518,900.00	\$0.00	0.00%	518,900.00
Facilities Infrastructure	125,000.00	\$0.00	0.00%	125,000.00
Canal Embankment Erosion Project	-	\$0.00	0.00%	-
Fault Study & Equipment Rating	-	\$0.00	0.00%	-
Rehabilitate Pump Assemblies #2	663,191.86	\$98,080.46	14.79%	565,111.40
WECC Testing by USBR	-	\$0.00	0.00%	-
Rehabilitate Penstock Interior	427,026.85	\$607.01	0.14%	426,419.84
O&M Road Maintenance Program Phase 7 of 10	112,414.09	\$171.21	0.15%	112,242.88
DMC Turnout Flow Measurement Phase 1	-	\$0.00	0.00%	-
Concrete Lining Repair	42,644.66	\$0.00	0.00%	42,644.66
New Access - Pump Bowl	42,760.93	\$13,505.27	31.58%	29,255.66
Unit Condition Assessment	118,574.57	\$61,276.08	51.68%	57,298.49
Unit 6 Rewind	76,617.17	\$66,267.21	86.49%	10,349.96
Control Panal Refurbish U-6	1,237,844.16	\$0.00	0.00%	1,237,844.16
Participatory Grants	-	\$0.00	0.00%	-
Total Direct CIP/EO&M/PAT	9,135,169.00	537,171.09	5.88%	3,153,297.61
Warehousing	17,135.51	1,775.68	10.36%	15,359.83
Tracy Field Office Expense	64,466.17	3,213.04	4.98%	61,253.13
Direct Administrative/General Expense	107,451.64	11,286.30	10.50%	96,165.34
Indirect Administrative/General Expense	21,760.25	1,304.44	5.99%	20,455.81
Indirect O & M LBAO Admin.	191,588.90	17,624.11	9.20%	173,964.79
Total Indirect Allocated to CIP/EO&M/PAT	402,402.47	35,203.57	8.75%	367,198.90
Total CIP / EO&M / PAT	9,537,571.47	572,374.65	6.00%	3,520,496.51

NOTES 1. Prior years reserves to be used for funding

San Luis & Delta-Mendota Water Authority
DMC WITH CIP / E O & M
Budget to Actual Comparison Summary
March 1, 2017 through July 31, 2017

	FY Budget 3/1/17 - 2/28/18	Actual To Date 3/1/17 - 7/31/17	% of Budget	Budget Amount Remaining	Notes
Capital Improvement Projects	5,561,944.71	117,244.41	2.11%	5,444,700.30	
Extra Ordinary O&M	3,573,224.29	\$419,926.68	11.75%	3,153,297.61	
Participatory Grants	-	-	0.00%	-	
Operate & Maintain DMC	4,407,218.53	1,849,305.70	41.96%	2,557,912.83	
Operate & Maintain Wasteways	199,430.65	20,058.54	10.06%	179,372.12	
Mendota Pool	139,349.75	65,993.90	47.36%	73,355.85	
Columbia Mowery Meters	-	-	0.00%	-	
Operate & Maintain JPP	2,244,503.16	789,381.63	35.17%	1,455,121.53	
Intertie Maintenance	203,320.01	34,058.85	16.75%	169,261.16	
Volta Wells Pumping	-	0.00	0.00%	(0.00)	
Operate & Maintain O'Neill	1,316,960.39	696,429.11	52.88%	620,531.28	1
Maintain Tracy Fish Facility	287,492.10	25,927.58	9.02%	261,564.51	
Maintain Fish Release Site	6,098.90	78.03	1.28%	6,020.87	
Operate & Maintain Tracy USBR	4,608.46	623.55	13.53%	3,984.91	
Operate & Maintain San Luis Drain	75,561.86	22,989.24	30.42%	52,572.62	
Maintain Delta Cross Channel	72,222.41	7,155.82	9.91%	65,066.59	
WAPA	1,831.18	\$0.00	0.00%	1,831.18	
Warehousing	162,986.66	69,933.45	42.91%	93,053.21	
Tracy Field Office Expense	613,178.40	126,542.09	20.64%	486,636.31	
Direct Administrative/General Expense	1,022,040.35	444,498.80	43.49%	577,541.55	
Indirect Administrative/General Expense	206,975.45	51,373.87	24.82%	155,601.58	
Indirect O & M LBAO Admin.	1,822,322.87	694,106.90	38.09%	1,128,215.97	
TOTAL	21,921,270.14	5,435,628.14	24.80%	16,485,641.99	
Total from Self-Funding - page 2	11,863,783	4,809,392	40.54%	7,054,391	
Total from USBR - page 3	519,915	44,271	8.52%	475,644	
Total from Special Projects - page 4	-	9,590	-	(9,590)	
Total from EO&M - page 5	9,537,571	572,375	6.00%	3,520,497	
Totals	21,921,270	5,435,628		11,040,942	
	YTD %	41.67%			

A. Does NOT include DWR Wheeling
B. Volta Wells Pumping redirected to Operate & Maintain DMC

NOTES 1. OU-6 rehabilitation at O'Neill

**SAN LUIS DELTA-MENDOTA WATER AUTHORITY
CHECK REGISTER
7/21/17 THROUGH 8/20/17
CENTRAL VALLEY COMMUNITY BANK**

Check No.	Date	Check Issued to:	Description	Amount of Check	Balance Forward:	Balance
				14,766.63	Amount of Deposit	(112,018.37)
					80,583.60	(126,785.00)
					91,265.19	(46,201.40)
023524	7/21/2017	6/17 Visa Payments	6/17 Visa Payments			45,063.79
023525	7/21/2017	Transfer From Transactional Muni Account	Contributions 401/401x/457 Plan 7/1/17-7/14/17	65,804.90		(20,741.11)
023526	7/24/2017	Transfer From Transactional Muni Account	Garnishment	529.85		(21,270.96)
023527	7/25/2017	Wire to ICMA Retirement Trust	Garnishment	44.30		(21,315.26)
023528	7/25/2017	Cheryl Bertao	Garnishment	105.23		(21,420.49)
023529	7/25/2017	California State Disbursement Unit	Garnishment	75.00		(21,495.49)
023530	7/25/2017	California State Disbursement Unit	Garnishment	575.52		(22,071.01)
023531	7/25/2017	Merced County Sheriff	7/10/17-8/9/17 Service	4,083.76		(26,154.77)
023532	7/25/2017	A T & T Mobility	Power Supply Board Flowmeter & Inventory Replenishment	582.84		(26,737.61)
023533	7/25/2017	Accusonic Technologies Inc.	7/17 AFLAC Premiums	51.08		(26,788.69)
023534	7/25/2017	Allambra Sparkletts Water	Other Services & Expenses	542.13		(27,330.82)
023535	7/25/2017	AFLAC	Inventory Replenishment	318.36		(27,649.18)
023536	7/25/2017	Alhambra Sparkletts Water	Other Services & Expenses	37,500.00		(65,149.18)
023537	7/25/2017	All Industrial Electric Supply Inc	5/29/17-6/30/17 Service	475.09		(65,624.27)
023538	7/25/2017	Arcic Glacier, Inc.	Computer Equipment	661.97		(66,286.24)
023539	7/25/2017	California Trout Inc.	Impeller-TFO Booster Pump	319.34		(66,605.58)
023540	7/25/2017	CDW Government	Inventory Replenishment	450.98		(67,056.56)
023541	7/25/2017	Coker Pump & Equipment Company	7/17 Landscaping Tracy	559.00		(67,796.56)
023542	7/25/2017	Consolidated Electrical Inc.	Water Sampling	22,035.57		(90,411.13)
023543	7/25/2017	Costco/HSBC Business Solutions	5/17 Retainer, 5/17 Prof Serv-State Rep & 5/17 Prof Serv	73.16		(90,484.29)
023544	7/25/2017	Creative Outdoor Environments,	Disposal Expense	4,470.18		(94,954.47)
023545	7/25/2017	FGL Environmental, Inc.	Lumber for Lowbed Decking	90.30		(95,044.77)
023546	7/25/2017	Foley & Lardner LLP	Inventory Replenishment	136.11		(95,180.88)
023547	7/25/2017	Gilton Solid Waste Management,	Parts & Materials	49.00		(95,229.88)
023548	7/25/2017	Golden State Lumber	Parts & Materials	1,680.75		(96,910.63)
023549	7/25/2017	Grainger, Inc.	Travel	682.12		(97,592.75)
023550	7/25/2017	Holt of California	6/21/17-7/1/17 Contract Inet	667.59		(98,260.34)
023551	7/25/2017	Home Depot Credit Service	Propane	75.81		(98,336.15)
023552	7/25/2017	Home Depot Suites	Parts & Materials	2,186.36		(100,522.51)
023553	7/25/2017	Homewood Scientific Corp	Outside Services	160.64		(100,683.15)
023554	7/25/2017	Industrial Scientific Corp	Parts & Materials	1,040.00		(101,723.15)
023555	7/25/2017	Kamps Propane, Inc. Manteca	Inventory Replenishment	36.16		(101,759.31)
023556	7/25/2017	Les Schwab Tires	Disposal Expense	40.22		(101,799.53)
023557	7/25/2017	Makai Solutions	Parts & Materials	8.00		(101,807.53)
023558	7/25/2017	Marfab, Inc.	Inventory Replenishment	80.57		(101,888.10)
023559	7/25/2017	Merced County Dept. Of Ag	Small Tools, Parts & Materials	1,024.96		(102,913.06)
023560	7/25/2017	Merced County Reg. Waste Mgmt	Safety Boots	95.13		(103,008.19)
023561	7/25/2017	Merced Truck & Trailer Inc.	6/1/17-6/30/17 Retainer	2,000.00		(105,008.19)
023562	7/25/2017	Modesto Welding Products, Inc.	Outside Services	1,409.22		(106,417.41)
023563	7/25/2017	Napa Auto Parts-Tracy	Permits, License & Fees	10,000.00		(116,417.41)
023564	7/25/2017	O'Reilly Auto Parts	7/17 BOD Meeting	86.57		(116,593.98)
		Jacob Oxenrider				
		Pioneer Law Group LLP				
		Power Plan				
		Sampson, Sampson & Partners				
		San Joaquin County				
		SaveMart Supermarkets				

**SAN LUIS DELTA-MENDOTA WATER AUTHORITY
CHECK REGISTER
7/21/17 THROUGH 8/20/17
CENTRAL VALLEY COMMUNITY BANK**

Check No.	Date	Check Issued to:	Description	Amount of Check	Amount of Deposit	Balance
023565	7/25/2017	Sequoia Brass & Cooper	Pipe/Metal Stock	2,273.64		(118,867.62)
023566	7/25/2017	Sorensen's True Value	Parts & Materials	181.30		(119,048.92)
023567	7/25/2017	State of CA - CA EPA	Fees & License	525.00		(119,573.92)
023568	7/25/2017	Summers Engineering, Inc.	6/17 Engineering Services	30,466.83		(150,040.75)
023569	7/25/2017	T. Kaljian Investment	6/17 Disposal/Water (5/21-6/20)	228.48		(150,269.23)
023570	7/25/2017	T.H.E. Office City	T.H.E. Office City	636.19		(150,905.42)
023571	7/25/2017	TF Tire & Service	TF Tire & Service	516.04		(151,421.46)
023572	7/25/2017	Tracy Press, Inc.	Ad: Electrical Forman	1,560.00		(152,981.46)
023573	7/25/2017	Travin Toys, Inc.	Parts & Materials	577.43		(153,558.89)
023574	7/25/2017	Warden's	Inventory Replenishment	150.42		(153,709.31)
023575	7/25/2017	Windecker, Inc	Petroleum, Oil & Lubricants	1,524.45		(155,233.76)
023576	7/25/2017	Zoom Imaging Solutions Inc.	Contract for Copy Machine LBAO	312.78		(155,546.54)
		VOID Check #023017	VOID		558.17	(154,988.37)
	7/26/2017	Wire to EDD	Payroll Taxes PR 7/1/17-7/14/17 SDI & SWT	13,751.34	7.50	(168,732.21)
	7/26/2017	Wire to EDD	Payroll Taxes PR 7/1/17-7/14/17 UI & ETT	180.93		(168,913.14)
	7/26/2017	Wire to IRS	Payroll Taxes for P/R 7/1/17-7/14/17	45,213.34		(214,126.48)
	7/26/2017	Transfer From Transactional Muni Account			59,145.61	(154,980.87)
	7/27/2017	Transfer From Transactional Muni Account			3,712.90	(151,267.97)
	7/28/2017	Transfer From Transactional Muni Account			56,364.08	(94,903.89)
	7/31/2017	Transfer From Transactional Muni Account			42,980.86	(51,923.03)
023577	8/1/2017	A T & T	7/15/17-8/14/17 Service	1,872.14		(53,795.17)
023578	8/1/2017	ACWA/JPLA	8/17 Medical, Vision, Dental & EAP Premiums	174,840.58		(228,635.75)
023579	8/1/2017	Asbury Environmental, Inc	Hazardous Waste Disposal	120.00		(228,755.75)
023580	8/1/2017	Automation Products Group, Inc	Inventory Replenishment	1,045.82		(229,801.57)
023581	8/1/2017	Avista Technologies, Inc.	WTP Membrane Cleaning	1,249.79		(231,051.36)
023582	8/1/2017	Ara Azhderian	Reimburse Out of Pocket Expenses	7.50		(231,058.86)
023583	8/1/2017	CDW Government	Computer Part	41.00		(231,099.86)
023584	8/1/2017	Center State Pipe	Pipe & Metal Treatments	758.27		(231,858.13)
023585	8/1/2017	Chevron U.S.A., Inc.	6/17 & 7/17 Fuel Chgs	268.65		(232,126.78)
023586	8/1/2017	Jeannie Collins	7/17 Janitorial Services	3,562.25		(235,689.03)
023587	8/1/2017	County of Stanislaus	Disposal Expense	30.81		(235,719.84)
023588	8/1/2017	Crop Production Serv (CPS)	Inventory Replenishment	431.00		(236,150.84)
023589	8/1/2017	Divers Supply	Inventory Replenishment	199.93		(236,350.77)
023590	8/1/2017	Don's Mobile Glass, Inc.	Outside Services	220.00		(236,570.77)
023591	8/1/2017	DRS Marine Inc.	Diving Services	46,784.00		(283,354.77)
023592	8/1/2017	Jess Duran	Safety Boots	100.00		(283,454.77)
023593	8/1/2017	Environmental Science Associates	5/1/17-5/31/17 Prof Serv	18,705.00		(302,159.77)
023594	8/1/2017	Global Labs, Inc.	Outside Services	3,402.00		(305,561.77)
023595	8/1/2017	Grainger, Inc.	Pipe Fitting WTP Recircle Line, Small Tools & Oil Seals	542.68		(306,104.45)
023596	8/1/2017	Hanson Environmental, Inc.	6/1/17-6/30/17 Prof Serv	7,676.30		(313,780.75)
023597	8/1/2017	Hazard Management Services, Inc.	Outside Services	1,800.00		(315,580.75)
023598	8/1/2017	Home Depot Credit Service	Parts & Materials	511.54		(316,092.29)
023599	8/1/2017	Jesus Ixta	Travel	124.00		(316,216.29)
023600	8/1/2017	KP Public Affairs	7/1/17-7/31/17 Retainer	10,075.00		(326,291.29)
023601	8/1/2017	Kronick, Moskovitz, et al	5/1/17-5/31/17 Retainer	105,000.00		(431,291.29)

SAN LUIS DELTA-MENDOTA WATER AUTHORITY
CHECK REGISTER
7/21/17 THROUGH 8/20/17
CENTRAL VALLEY COMMUNITY BANK

Check No.	Date	Check Issued to:	Description	Amount of Check	Amount of Deposit	Balance
023602	8/1/2017	Kronick,Moskovitz,et al	5/17 Professional Services	448.14		(431,739.43)
023603	8/1/2017	Kronick,Moskovitz,et al	7/17 Office Space & Parking	2,310.00		(434,049.43)
023604	8/1/2017	Marfab, Inc.	Parts & Materials	228.91		(434,278.34)
023605	8/1/2017	McMaster-Carr Supply Co.	Inventory Replenishment	630.24		(434,908.58)
023606	8/1/2017	Jaime McNeil	Travel	640.50		(435,549.08)
023607	8/1/2017	Merced Truck & Trailer Inc.	Parts & Materials	487.84		(436,036.92)
023608	8/1/2017	Mosaic Associates LLC	6/17 Professional Services	650.00		(436,686.92)
023609	8/1/2017	Motion Industries, Inc.	Parts & Materials	481.09		(437,168.01)
023610	8/1/2017	O'Reilly Auto Parts	Parts & Materials	570.44		(437,738.45)
023611	8/1/2017	P G & E	6/19/17-7/23/17 Services	1,175.41		(438,913.86)
023612	8/1/2017	Pacific Eco-Risk Lab. Inc.	5/17 Water Quality Monitoring	2,923.49		(441,837.35)
023613	8/1/2017	Panoche Drainage District	6/17 O & M San Luis Drain & Grassland	37,863.10		(479,700.45)
023614	8/1/2017	Pape Machinery Inc.	Parts & Materials	123.71		(479,824.16)
023615	8/1/2017	Jason Parreira	Travel	175.00		(479,999.16)
023616	8/1/2017	Alexander Pineda	Safety Boots & Glasses	300.00		(480,299.16)
023617	8/1/2017	Principal Financial	8/17 EE Disability Premiums	3,393.63		(483,692.79)
023618	8/1/2017	Reserve Account	Replenish Postage Machine	1,500.00		(485,192.79)
023619	8/1/2017	Jon Rubin	7/10/17-7/26/17 Mileage	642.00		(485,834.79)
023620	8/1/2017	Safe-T-Lite	Other Services	799.57		(486,634.36)
023621	8/1/2017	Sorensen's True Value	Parts & Materials	261.22		(486,895.58)
023622	8/1/2017	T. Kallian Investment	8/17 Rent LBAO	7,280.00		(494,175.58)
023623	8/1/2017	Travin Toys, Inc.	Parts & Materials	26.94		(494,202.52)
023624	8/1/2017	United Parcel Service	Shipping Charge	22.08		(494,224.60)
023625	8/1/2017	Vincent Electric Company	Inventory Replenishment	1,347.84		(495,572.44)
023626	8/1/2017	Walmart Community/RFC/LLC	JPIA Training	77.52		(495,649.96)
023627	8/1/2017	Wardens	Inventory Replenishment	131.78		(495,781.74)
023628	8/1/2017	Windecker, Inc	Petroleum, Oil & Lubricants	3,733.97		(499,515.71)
023629	8/1/2017	Transfer From Transactional Muni Account	8/17 OPP Rehabilitation Project	25,000.00	5,433.77	(494,081.94)
	8/2/2017	Bureau of Reclamation				(519,081.94)
	8/2/2017	Transfer From Transactional Muni Account			37,964.12	(481,117.82)
	8/3/2017	Transfer From Transactional Muni Account			4,064.31	(477,053.51)
	8/4/2017	Transfer From Transactional Muni Account			330,172.12	(146,881.39)
	8/7/2017	Wire to ICMA Retirement Trust	Contributions 401/401x/457 Plan 7/15/17-7/28/17	66,712.33		(213,593.72)
	8/7/2017	Wire to ICMA Retirement Trust	Contributions 401/401x/457 Plan 7/31/17-8/2/17	217.23		(213,810.95)
	8/7/2017	Correcting CK#023182 Cleared for Less than Issued				
	8/8/2017	A T & T	Correction	50.00		(41,434.04)
023630	8/8/2017	Access Electric Supply Inc.	7/17 Service	588.90		(41,484.04)
023631	8/8/2017	Babbitt Bearing Co., Inc.	86 Relay Coil for OPP	798.00		(42,072.94)
023632	8/8/2017	Cheryl Bertao	Inventory Replenishment	3,788.75		(42,870.94)
023633	8/8/2017	California State Disbursement Unit	Garnishment	529.85		(46,659.69)
023634	8/8/2017	California State Disbursement Unit	Garnishment	44.30		(47,189.54)
023635	8/8/2017	California State Disbursement Unit	Garnishment	105.23		(47,233.84)
023636	8/8/2017	Caltronics Business Systems	Garnishment	255.15		(47,339.07)
023637	8/8/2017	CDW Government	Office Supplies	255.15		(47,594.22)
023638	8/8/2017	CEMEX	Computer Software	709.31		(48,303.53)
			Concrete & Paving Material	476.32		(48,779.85)

SAN LUIS DELTA-MENDOTA WATER AUTHORITY
CHECK REGISTER
7/21/17 THROUGH 8/20/17
CENTRAL VALLEY COMMUNITY BANK

Page 118

Check No.	Date	Check Issued to:	Description	Amount of Check	Balance Forward:	Amount of Deposit	Balance
023639	8/8/2017	Coker Pump & Equipment Company	Inventory Replenishment	11,372.76	(48,779.85)		(60,152.61)
023640	8/8/2017	Costco/HSBC Business Solutions	Inventory Replenishment	337.50			(60,490.11)
023641	8/8/2017	Corchett, Pire & McCarthy LLP	6/17 Professional Services	2,041.89			(62,532.00)
023642	8/8/2017	Gilton Solid Waste Management, Inc.	Waste Removal 7/17	97.08			(62,629.08)
023643	8/8/2017	Granger, Inc.	Small Tools, Gasket Sealants for OPP, Inventory Replenishment	2,392.02			(65,022.02)
023644	8/8/2017	Grossmayer & Associates	HR Access Overview & Training	1,437.50			(66,459.52)
023645	8/8/2017	Guntert Steel	Pipe & Metal Treatments	117.31			(66,576.83)
023646	8/8/2017	HACH Company	Water Treatment Material	547.93			(67,124.76)
023647	8/8/2017	Hazard Management Services, Inc.	Outside Services	460.00			(67,584.76)
023648	8/8/2017	HiXCO	Parts & Materials	96.45			(67,681.21)
023649	8/8/2017	Home Depot Credit Service	Other Services & Expenses	27.48			(67,708.69)
023650	8/8/2017	Bruce's Tire, Inc.	Outside Services	223.43			(67,932.12)
023651	8/8/2017	Kronick, Moskovitz, et al	6/17 Professional Services	2,050.39			(69,982.51)
023652	8/8/2017	Kronick, Moskovitz, et al	6/17 Professional Services	105,000.00			(174,982.51)
023653	8/8/2017	McMaster-Carr Supply Co.	Parts & Materials	237.25			(175,219.76)
023654	8/8/2017	Merced County Sheriff	Garnishment	75.00			(175,294.76)
023655	8/8/2017	New York Life Insurance	7/17 EE Life Ins	455.25			(175,750.01)
023656	8/8/2017	O'Reilly Auto Parts	Parts & Materials	232.26			(175,982.27)
023657	8/8/2017	Protection Engineering	Inventory Replenishment	411.89			(176,394.16)
023658	8/8/2017	Ramos Oil Co. Inc	Petroleum, Oil & Lubricants	2,148.14			(178,542.30)
023659	8/8/2017	Safety-Kleen Corp.	Outside Services	379.99			(178,922.29)
023660	8/8/2017	State & Federal Contractors Water Agency	6/17-8/31/17 Service (2nd Qtr)	198,125.00			(377,047.29)
023661	8/8/2017	T.H.E. Office City	Office Supplies LBAO	484.08			(377,531.37)
023662	8/8/2017	Union Bank Corporate Trust Div.	2013A Bond-UBOC Admin/Wires	2,083.00			(379,614.37)
023663	8/8/2017	Verizon Wireless	7/22/17-8/21/17 Service	1,199.44			(380,813.81)
023664	8/8/2017	Warden's	Inventory Replenishment	308.33			(381,122.14)
023665	8/8/2017	WEX Bank	Fuel Charges	766.11			(381,888.25)
023666	8/8/2017	Windecker, Inc	Petroleum, Oil & Lubricants	1,895.33			(383,783.58)
023667	8/8/2017	Zoom Imaging Solutions Inc.	Supplies-LBAO	349.85			(384,133.43)
		Transfer From Transactional Muni Account				30,660.48	(353,472.95)
		VOID Check #023573				577.43	(352,895.52)
		Wire to EDD		14,027.78			(366,923.30)
		Wire to EDD		279.59			(367,202.89)
		Wire to IRS		46,185.70			(413,388.59)
		Transfer From Transactional Muni Account				67,487.12	(345,901.47)
		Wire to EDD		13.06			(345,811.47)
		Wire to EDD		30.17			(345,824.53)
		Wire to IRS		53.94			(345,854.70)
		Transfer From Transactional Muni Account				1,975.24	(343,933.40)
		Transfer From Transactional Muni Account				127,940.86	(215,992.54)
		ACWA	ACWA 2017 Fall Conference Ara	555.00			(216,547.54)
023668	8/15/2017	Alhambra Sparklets Water	7/17 Bottled Water Service	386.13			(216,933.67)
023669	8/15/2017	All Industrial Electric Supply	Panduit & Din Rail for Sensors	465.54			(217,399.21)
023670	8/15/2017	Animal Damage Management	Outside Services	3,250.00			(220,649.21)
023671	8/15/2017	Arctic Glacier, Inc.	Other Services & Expenses	131.40			(220,780.61)

SAN LUIS DELTA-MENDOTA WATER AUTHORITY
CHECK REGISTER
7/21/17 THROUGH 8/20/17
CENTRAL VALLEY COMMUNITY BANK

Page 119

Balance Forward: (220,780.61)

Check No.	Date	Check Issued to:	Description	Amount of Check	Amount of Deposit	Balance
023673	8/15/2017	California Farm Water Coalition	7/17 Outreach Services	17,500.00		(238,280.61)
023674	8/15/2017	CDW Government	Computer Parts & Software	1,104.28		(239,384.89)
023675	8/15/2017	Costco/HSBC Business Solutions	Replacement Furniture & Equipment	427.94		(239,812.83)
023676	8/15/2017	Dell Marketing L.P	Network Server Hard Drive	420.19		(240,233.02)
023677	8/15/2017	Diamond Truck Body Co.	Parts & Materials	539.55		(240,772.57)
023678	8/15/2017	Firestone Inc/Bridgestone Americas	Tires Veh#8063	599.79		(241,372.36)
023679	8/15/2017	Foley & Lardner LLP	6/1/17-6/30/17 Retainer & State Rep	22,000.00		(263,372.36)
023680	8/15/2017	Gilton Solid Waste Management, Inc.	Disposal Expense	73.16		(263,445.52)
023681	8/15/2017	Grainger, Inc.	Replacement Equipment, Padlocks, Parts & Materials	3,346.44		(266,791.96)
023682	8/15/2017	HIXCO	Parts & Materials	303.97		(267,095.93)
023683	8/15/2017	Home Depot Credit Service	Inventory Replenishment	490.38		(267,586.31)
023684	8/15/2017	James Isaac	Travel	142.34		(267,728.65)
023685	8/15/2017	Les Schwab Tires	Parts & Materials	223.08		(267,951.73)
023686	8/15/2017	Marfab, Inc.	Parts & Materials	149.41		(268,101.14)
023687	8/15/2017	McMaster-Carr Supply Co.	Parts & Materials	136.55		(268,237.69)
023688	8/15/2017	Merced County Dept. Of Ag	Inventory Replenishment	1,130.00		(269,367.69)
023689	8/15/2017	Modesto Welding Products, Inc.	Parts & Materials, Small Tools & PPE	338.72		(269,726.41)
023690	8/15/2017	MSC Industrial Supply Co., Inc	Parts & Materials	196.59		(269,923.00)
023691	8/15/2017	Napa Auto Parts-Los Banos	Parts & Materials	97.36		(270,020.36)
023692	8/15/2017	O'Reilly Auto Parts	Parts & Materials	229.51		(270,249.87)
023693	8/15/2017	P G & E	Parts & Materials	5,432.10		(275,681.97)
023694	8/15/2017	Pacific Power Engineers, Inc.	JPP Unit No.6 Revind	18,868.00		(294,549.97)
023695	8/15/2017	Dumont Printing	Letterhead, EE Change Forms & Business Cards	984.43		(295,534.40)
023696	8/15/2017	Pacific Valley Coffee	7/17 Chgs	75.80		(295,610.20)
023697	8/15/2017	Petty Cash-TFO	Petty Cash TFO	143.49		(295,753.69)
023698	8/15/2017	Alexander Pineda	Travel	142.34		(295,896.03)
023699	8/15/2017	Pioneer Law Group LLP	7/1/17-7/30/17 Retainer & 7/17 LT Water Transfer	21,592.00		(317,488.03)
023700	8/15/2017	Ramos Oil Co. Inc	Petroleum, Oil & Lubricants	2,470.68		(319,958.71)
023701	8/15/2017	Jon Rubin	8/1/17 Mileage & Expenses	72.75		(320,031.46)
023702	8/15/2017	SaveMart Supermarkets	WRC Meeting Exp	81.75		(320,113.21)
023703	8/15/2017	SC Industries, Inc.	Parts & Materials	122.72		(320,235.93)
023704	8/15/2017	Sorensen's True Value	Parts & Materials	22.41		(320,258.34)
023705	8/15/2017	South Dakota Agricultural Lab	7/17 Selenium Sample Chgs	8,185.00		(328,443.34)
023706	8/15/2017	T.H.E. Office City	Office Supplies LBAAO	909.56		(329,352.90)
023707	8/15/2017	TPx Communications	8/17 Data Lines	2,550.25		(331,903.15)
023708	8/15/2017	Tracy Delta Disposal Service,	7/17 & 8/17 Disposal Service	2,756.54		(334,659.69)
023709	8/15/2017	Triangle Rock Products Inc.	Sand, Backfill & Rock	3,849.35		(338,509.04)
023710	8/15/2017	Turlock Irrigation District	6/28/17-7/28/17 Service	102.82		(338,611.86)
023711	8/15/2017	Anthony Victorino	Travel	175.00		(338,786.86)
023712	8/15/2017	Warden's	Inventory Replenishment	240.81		(339,027.67)
		July Service Charge (Analysis Statement)	Service Charge	153.98		(339,181.65)
		Transfer From Transactional Muni Account			9,127.24	(330,054.41)
		Transfer From Transactional Muni Account			5,105.64	(324,948.77)
		Transfer From Transactional Muni Account			209,929.33	(115,019.44)
		Transfer From Transactional Muni Account			11,634.43	(103,385.01)



MEMO

TO: Jason Peltier, Executive Director
FROM: Tona Mederios, Director of Finance
SUBJECT: September 2017 BOD Meeting – August, 2017 Finance Report -DHCCP
DATE: September 14, 2017

Included:

2. Period Ending 8/31/17 Receivable Activity Report - DHCCP Only.
3. Period Ending 8/31/17 Cash Activity Report – DHCCP Only.

San Luis & Delta-Mendota Water Authority

Receivable Activity Report **DHCCP ONLY** (amounts below included In Finance Receivable Activity Report)

Period Ending August 31, 2017

	DHCCP Direct Participants	DHCCP Financing Participants	TOTAL RECEIVABLE
RECEIVABLE BALANCE DHCCP ONLY - July 31, 2017	\$0.00	\$179,345.61	\$179,345.61
Billings:			
TOTAL BILLINGS-DHCCP ONLY	0.00	0.00	0.00
Collections:			
8/2/17 - Westlands WD - 2013A - 9/1/17 arbitrage		1,196.67	1,196.67
8/2/17 - Broadview WD - 2013A - 9/1/17 interest debt service & arbitrage		16,239.83	16,239.83
8/9/17 - Byron Bethany ID - 2013A - 9/1/17 interest debt service & arbitrage		12,930.01	12,930.01
8/11/17 - Panoche WD - 2013A - 9/1/17 interest debt service & arbitrage		59,001.15	59,001.15
8/14/17 - San Luis WD - 2013A - 9/1/17 interest debt service & arbitrage		78,509.19	78,509.19
8/14/17 - Laguna WD - 2013A - 9/1/17 interest debt service & arbitrage		502.12	502.12
8/18/17 - Mercy Springs WD - 2013A - 9/1/17 interest debt service & arbitrage		1,783.85	1,783.85
8/18/17 - Pacheco WD - 2013A - 9/1/17 interest debt service & arbitrage		6,326.89	6,326.89
8/21/17 - Eagle Field WD - 2013A - 9/1/17 interest debt service & arbitrage		2,855.90	2,855.90
TOTAL COLLECTIONS-DHCCP ONLY	0.00	179,345.61	179,345.61
RECEIVABLE BALANCE DHCCP ONLY AS OF August 31, 2017	\$0.00	\$0.00	\$0.00

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2



DATE: September 11, 2017

TO: Finance and Administration Committee and Board of Directors

FROM: Frances Mizuno, Assistant Executive Director

SUBJECT: Approval of Resolution Authorizing Execution of Memorandum of Understanding By and Among Duke American Transmission Company and San Luis & Delta-Mendota Water Authority

BACKGROUND:

The former transmission contract (2207A) between PG&E and the Federal government provided for transmission capacity from the Tracy Substation to Giannelli, O'Neill, and Dos Amigos facilities, expired on March 31, 2016. Following expiration, transmission/distribution costs for conveying CVP power from Tracy to all pumps increased because facilities began to use the California Independent System Operator (CAISO) transmission system. The costs for transmission are allocated CVP wide. CVP customers' water costs from the power component increased from approximately \$22 million to \$30-\$32 million per year (approximate estimate through year 2021) since major transmission system investments are included in the CAISO Transmission Access Charge (TAC). The members of the San Luis & Delta-Mendota Water Authority (Authority) was allocated an average of at least 61 percent of all PUE costs over the period of 2013-2015. More recent estimates by the United States Bureau of Reclamation (Reclamation) and other outside consultants expect the CAISO TAC to continue to increase based on the of transmission projects in its planning horizon into 2022.

In January 2010, Reclamation submitted a transmission service request (TSR) to the Western Area Power Administration (Western) asking Western to consider transmission service arrangement options to deliver Federal power to the San Luis Unit's primary loads when the transmission contract between Western and PG&E expired. Western evaluated the construction of a new transmission line from Western's CVP system to the San Luis Unit's primary loads. Western and the Authority prepared a joint Environmental Impact Statement (EIS)/Environmental Impact Report (EIR) for the San Luis Transmission Project (SLTP). Western was the lead agency under the National Environmental Policy Act (NEPA) and the Authority was the lead agency for the California Environmental Quality Act (CEQA) review process. The Final EIS/EIR was published in March 2016. The Record of Decision was published in the Federal Register in April 2016 and the Notice of Determination was filed with the State Office of Planning and Research in April 2016. A link to the SLTP documents are available at the following website: <http://www.sltpeis-eir.com/index.html>.

The SLTP is currently proposed to be a 230-kV- up to 800 MW, 83-mile electric transmission line serving the San Luis Unit's primary loads. Detailed engineering started in 2016 and the design is 95% percent complete. The 230-kV SLTP is expected to cost approximately \$263 million for all three segments: Tracy – San Luis, San Luis – O'Neill and San Luis to Dos Amigos. Construction is expected to start by the summer of 2018 assuming funding is secured, and should be on-line by the end of 2021. Western will build, own and operate the transmission line. The transmission capacity can be owned/funded entirely by Reclamation/CVP Contractors or shared with DATC in a partnership arrangement.

BASE CASE- AUTHORITY/RECLAMATION FUND TOTAL COST OF SLTP

The attached Base Case cost analysis shows the annual cost to the CVP for the debt repayment associated with funding 100% of the SLTP and all related assumptions used for the analysis. Also attached is a chart that compares the Base Case cost to the expected range of CAISO cost (i.e. cost with and without SLTP).

DUKE AMERICAN TRANSMISSION COMPANY (DATC) PARTNERSHIP

DATC develops, constructs, owns and operates electric transmission projects. The proposed partnership with DATC would consider the joint development of the 230 KV, up to 800 MW capacity SLTP. DATC is interested in partnering in the Tracy –San Luis and possibility in the San Luis –Dos Amigos segments of the SLTP. The concept for such a partnership provides for the Authority/Reclamation to own/fund 200 MW of transmission capacity rights. DATC would own/fund the remaining transmission capacity, and provide a long-term lease for 200 MW of transmission capacity to Reclamation at a set rate for a total of 400 MW capacity needed for the CVP. The attached draft MOU outlines the principle for the potential partnership.

While the partnership on the 230 KV project is being developed, DATC and the Authority will continue to seek CAISO approval of the 500KV SLTP to maximize the use of the last remaining transmission corridor between Tracy and Los Banos. With a 500KV Project, the CVP could retain 400 MW ownership capacity to meet CVP loads or enter into similar partnership arrangement as the proposed 230KV SLTP. The remaining capacity of 1200 MW will be owned by DATC but would require CAISO to accept the load into their system. CAISO has yet to realize the benefits of building a 500 KV SLTP. The 500 KV SLTP is estimated to be approximately \$550M and therefore the CVP share would be \$140M assuming a 25% share (400 MW). Although building a 500 KV project would delay the construction and in-service date for the project, it will substantially reduce the overall cost to the CVP Contractors. Absent CAISO approval, the 230 KV SLTP will proceed as planned/scheduled.

FINANCING OPTIONS

The funding options for the SLTP are:

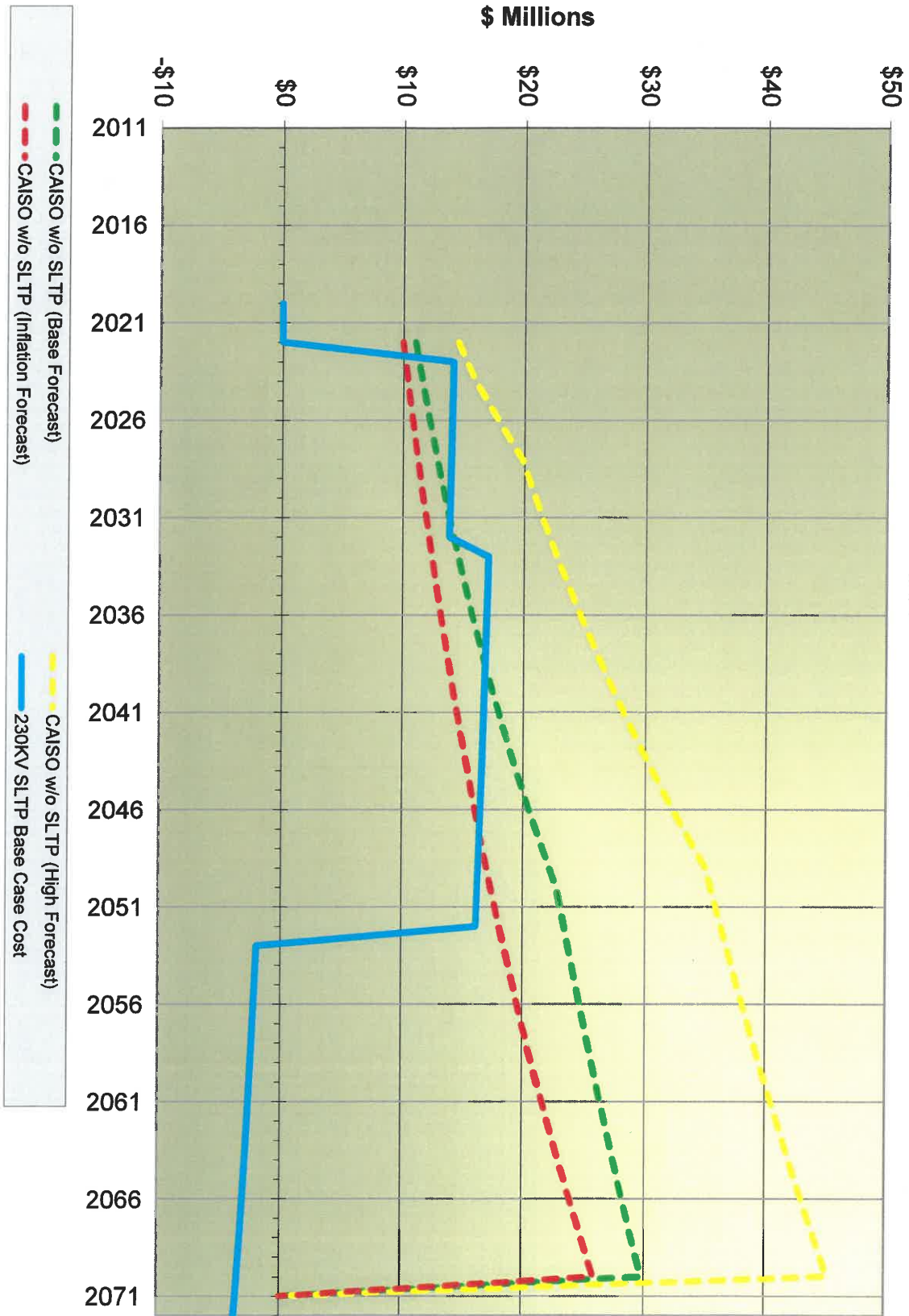
1. Western Area Power Administration – Transmission Infrastructure Program (TIP) Funding - TIP Funding is the lowest interest (2.5%) option. However, this financing is only for a ten year period. Therefore, the loan will need to be refinanced after 10 years.
2. Bond Financing - The TIP loan will need to be refinanced with Bond financing for the remaining 20 years for a total of a 30 year repayment period. Under both TIP and Bond financing, the Authority will likely need to be the applicant for TIP and/or Bond Issuer.
3. Congressional Appropriation - Potential Federal Infrastructure funding particularly for Public/Private Partnerships (P3) projects.
4. Partnership with Duke – American Transmission Company (DATC) Obtain financing through DATC for Authority/Reclamation's share of SLTP.

With all funding options, except for Federal appropriations, a debt repayment obligation agreement will need to be executed between Reclamation and the entity or entities securing the financing. Annual debt repayment obligation will need to be included in the CVP Project Use Energy (PUE) rate which Reclamation will collect and use receipts from CVP Contractors obligated to pay for CVP PUE costs.

ACTION

Staff request the Finance & Administration Committee recommend the Board of Directors adopt a resolution authorizing (1) execution of the draft MOU, subject to such additions, deletions and revisions as the Executive Director may require or approve prior to execution, and (2) such additional actions, as may be reasonably necessary to perform under the final, executed MOU.

CVP Annual Costs (\$Millions) 433 GWH CVP Load



230 KV SLTP BASE CASE COST ANALYSIS SUMMARY

Year	SLTP Annual Project Cost Summary (4%)				SLTP Annual Project Cost Summary (5%)			
	Tracy- San Luis	Tracy- O'Neil	San Luis- Dos Amigos	Tracy- Dos Amigos	Tracy- San Luis	Tracy- O'Neil	San Luis- Dos Amigos	Tracy- Dos Amigos
2020	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2021	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2022	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
1 2023	\$ 10,451,815.17	\$ 11,762,217.10	\$ 2,398,048.97	\$ 14,160,266.07	\$ 10,451,815.17	\$ 11,762,217.10	\$ 2,398,048.97	\$ 14,160,266.07
2 2024	\$ 10,430,415.17	\$ 11,740,817.10	\$ 2,394,048.97	\$ 14,134,866.07	\$ 10,430,415.17	\$ 11,740,817.10	\$ 2,394,048.97	\$ 14,134,866.07
3 2025	\$ 10,408,287.17	\$ 11,718,689.10	\$ 2,389,908.97	\$ 14,108,598.07	\$ 10,408,287.17	\$ 11,718,689.10	\$ 2,389,908.97	\$ 14,108,598.07
4 2026	\$ 10,385,407.61	\$ 11,695,809.54	\$ 2,385,624.37	\$ 14,081,433.91	\$ 10,385,407.61	\$ 11,695,809.54	\$ 2,385,624.37	\$ 14,081,433.91
5 2027	\$ 10,361,752.19	\$ 11,672,154.12	\$ 2,381,190.42	\$ 14,053,344.54	\$ 10,361,752.19	\$ 11,672,154.12	\$ 2,381,190.42	\$ 14,053,344.54
6 2028	\$ 10,337,295.84	\$ 11,647,697.77	\$ 2,376,602.23	\$ 14,024,300.00	\$ 10,337,295.84	\$ 11,647,697.77	\$ 2,376,602.23	\$ 14,024,300.00
7 2029	\$ 10,312,012.72	\$ 11,622,414.64	\$ 2,371,854.75	\$ 13,994,269.39	\$ 10,312,012.72	\$ 11,622,414.64	\$ 2,371,854.75	\$ 13,994,269.39
8 2030	\$ 10,285,876.14	\$ 11,596,278.07	\$ 2,366,942.76	\$ 13,963,220.83	\$ 10,285,876.14	\$ 11,596,278.07	\$ 2,366,942.76	\$ 13,963,220.83
9 2031	\$ 10,258,858.62	\$ 11,569,260.55	\$ 2,361,860.89	\$ 13,931,121.44	\$ 10,258,858.62	\$ 11,569,260.55	\$ 2,361,860.89	\$ 13,931,121.44
10 2032	\$ 10,230,931.79	\$ 11,541,333.72	\$ 2,356,603.59	\$ 13,897,937.31	\$ 10,230,931.79	\$ 11,541,333.72	\$ 2,356,603.59	\$ 13,897,937.31
11 2033	\$ 11,417,014.37	\$ 13,095,204.10	\$ 2,796,620.83	\$ 15,891,824.93	\$ 12,502,091.49	\$ 14,201,320.92	\$ 2,912,836.65	\$ 17,114,157.56
12 2034	\$ 11,387,180.23	\$ 13,065,369.96	\$ 2,790,995.32	\$ 15,856,365.28	\$ 12,472,257.35	\$ 14,171,486.78	\$ 2,907,211.14	\$ 17,078,697.91
13 2035	\$ 11,356,346.23	\$ 13,034,535.97	\$ 2,785,176.66	\$ 15,819,712.63	\$ 12,441,423.35	\$ 14,140,652.78	\$ 2,901,392.48	\$ 17,042,045.26
14 2036	\$ 11,324,480.29	\$ 13,002,670.02	\$ 2,779,158.58	\$ 15,781,828.60	\$ 12,409,557.41	\$ 14,108,786.83	\$ 2,895,374.40	\$ 17,004,161.23
15 2037	\$ 11,291,549.29	\$ 12,969,739.02	\$ 2,772,934.59	\$ 15,742,673.61	\$ 12,376,626.41	\$ 14,075,855.84	\$ 2,889,150.41	\$ 16,965,006.25
16 2038	\$ 11,257,519.12	\$ 12,935,708.85	\$ 2,766,498.01	\$ 15,702,206.86	\$ 12,342,596.24	\$ 14,041,825.66	\$ 2,882,713.83	\$ 16,924,539.49
17 2039	\$ 11,222,354.56	\$ 12,900,544.30	\$ 2,759,841.94	\$ 15,660,386.24	\$ 12,307,431.68	\$ 14,006,661.11	\$ 2,876,057.76	\$ 16,882,718.87
18 2040	\$ 11,186,019.33	\$ 12,864,209.06	\$ 2,752,959.27	\$ 15,617,168.33	\$ 12,271,096.45	\$ 13,970,325.87	\$ 2,869,175.09	\$ 16,839,500.97
19 2041	\$ 11,148,475.97	\$ 12,826,665.71	\$ 2,745,842.67	\$ 15,572,508.38	\$ 12,233,553.09	\$ 13,932,782.52	\$ 2,862,058.49	\$ 16,794,841.01
20 2042	\$ 11,109,685.90	\$ 12,787,875.63	\$ 2,738,484.57	\$ 15,526,360.20	\$ 12,194,686.41	\$ 13,893,992.45	\$ 2,854,700.39	\$ 16,748,692.83
21 2043	\$ 11,069,609.29	\$ 12,747,799.03	\$ 2,730,877.15	\$ 15,478,676.18	\$ 12,154,686.41	\$ 13,853,915.84	\$ 2,847,092.97	\$ 16,701,008.81
22 2044	\$ 11,028,205.10	\$ 12,706,394.84	\$ 2,723,012.38	\$ 15,429,407.22	\$ 12,113,282.23	\$ 13,812,511.65	\$ 2,839,228.20	\$ 16,651,739.85
23 2045	\$ 10,985,431.00	\$ 12,663,620.73	\$ 2,714,881.94	\$ 15,378,502.68	\$ 12,070,508.12	\$ 13,769,737.55	\$ 2,831,097.76	\$ 16,600,835.31
24 2046	\$ 10,941,243.32	\$ 12,619,433.05	\$ 2,706,477.28	\$ 15,325,910.34	\$ 12,026,320.44	\$ 13,725,549.87	\$ 2,822,693.10	\$ 16,548,242.97
25 2047	\$ 10,895,597.06	\$ 12,573,786.79	\$ 2,697,789.56	\$ 15,271,576.35	\$ 11,980,674.18	\$ 13,679,903.61	\$ 2,814,005.38	\$ 16,493,908.99
26 2048	\$ 10,848,445.80	\$ 12,526,635.53	\$ 2,688,809.67	\$ 15,215,445.20	\$ 11,933,522.92	\$ 13,632,752.34	\$ 2,805,025.49	\$ 16,439,777.84
27 2049	\$ 10,799,741.67	\$ 12,477,931.40	\$ 2,679,528.22	\$ 15,157,459.62	\$ 11,884,818.79	\$ 13,584,048.22	\$ 2,795,744.04	\$ 16,379,792.25
28 2050	\$ 10,749,435.33	\$ 12,427,625.06	\$ 2,669,935.51	\$ 15,097,560.57	\$ 11,834,512.45	\$ 13,533,741.87	\$ 2,786,151.33	\$ 16,319,893.20
29 2051	\$ 10,697,475.88	\$ 12,375,665.61	\$ 2,660,021.54	\$ 15,035,687.16	\$ 11,782,553.00	\$ 13,481,782.43	\$ 2,776,227.36	\$ 16,258,019.79
30 2052	\$ 10,643,810.86	\$ 12,322,000.59	\$ 2,649,776.03	\$ 14,971,776.62	\$ 11,728,887.98	\$ 13,428,117.41	\$ 2,765,991.85	\$ 16,194,109.25
31 2053	\$ (1,648,376.99)	\$ (1,648,376.99)	\$ (304,316.34)	\$ (1,952,693.33)	\$ (1,648,376.99)	\$ (1,648,376.99)	\$ (304,316.34)	\$ (1,952,693.33)
32 2054	\$ (1,705,617.15)	\$ (1,705,617.15)	\$ (315,257.19)	\$ (2,020,874.34)	\$ (1,705,617.15)	\$ (1,705,617.15)	\$ (315,257.19)	\$ (2,020,874.34)
33 2055	\$ (1,764,730.30)	\$ (1,764,730.30)	\$ (326,562.49)	\$ (2,091,292.79)	\$ (1,764,730.30)	\$ (1,764,730.30)	\$ (326,562.49)	\$ (2,091,292.79)

34 2056	\$ (1,825,775.73)	\$ (1,825,775.73)	\$ (338,243.91)	\$ (2,164,019.64)	\$ (1,825,775.73)	\$ (1,825,775.73)	\$ (338,243.91)	\$ (2,164,019.64)
35 2057	\$ (1,888,814.60)	\$ (1,888,814.60)	\$ (350,313.46)	\$ (2,239,128.06)	\$ (1,888,814.60)	\$ (1,888,814.60)	\$ (350,313.46)	\$ (2,239,128.06)
36 2058	\$ (1,953,909.95)	\$ (1,953,909.95)	\$ (362,783.54)	\$ (2,316,693.48)	\$ (1,953,909.95)	\$ (1,953,909.95)	\$ (362,783.54)	\$ (2,316,693.48)
37 2059	\$ (2,021,126.77)	\$ (2,021,126.77)	\$ (375,666.93)	\$ (2,396,793.70)	\$ (2,021,126.77)	\$ (2,021,126.77)	\$ (375,666.93)	\$ (2,396,793.70)
38 2060	\$ (2,090,532.09)	\$ (2,090,532.09)	\$ (388,976.83)	\$ (2,479,508.92)	\$ (2,090,532.09)	\$ (2,090,532.09)	\$ (388,976.83)	\$ (2,479,508.92)
39 2061	\$ (2,162,195.00)	\$ (2,162,195.00)	\$ (402,726.82)	\$ (2,564,921.81)	\$ (2,162,195.00)	\$ (2,162,195.00)	\$ (402,726.82)	\$ (2,564,921.81)
40 2062	\$ (2,236,186.73)	\$ (2,236,186.73)	\$ (416,930.92)	\$ (2,653,117.65)	\$ (2,236,186.73)	\$ (2,236,186.73)	\$ (416,930.92)	\$ (2,653,117.65)
41 2063	\$ (2,312,580.74)	\$ (2,312,580.74)	\$ (431,603.59)	\$ (2,744,184.33)	\$ (2,312,580.74)	\$ (2,312,580.74)	\$ (431,603.59)	\$ (2,744,184.33)
42 2064	\$ (2,391,452.73)	\$ (2,391,452.73)	\$ (446,759.74)	\$ (2,838,212.47)	\$ (2,391,452.73)	\$ (2,391,452.73)	\$ (446,759.74)	\$ (2,838,212.47)
43 2065	\$ (2,472,880.77)	\$ (2,472,880.77)	\$ (462,414.73)	\$ (2,935,295.51)	\$ (2,472,880.77)	\$ (2,472,880.77)	\$ (462,414.73)	\$ (2,935,295.51)
44 2066	\$ (2,556,945.35)	\$ (2,556,945.35)	\$ (478,584.42)	\$ (3,035,529.77)	\$ (2,556,945.35)	\$ (2,556,945.35)	\$ (478,584.42)	\$ (3,035,529.77)
45 2067	\$ (2,643,729.42)	\$ (2,643,729.42)	\$ (495,285.14)	\$ (3,139,014.56)	\$ (2,643,729.42)	\$ (2,643,729.42)	\$ (495,285.14)	\$ (3,139,014.56)
46 2068	\$ (2,733,318.53)	\$ (2,733,318.53)	\$ (512,533.75)	\$ (3,245,852.28)	\$ (2,733,318.53)	\$ (2,733,318.53)	\$ (512,533.75)	\$ (3,245,852.28)
47 2069	\$ (2,825,800.86)	\$ (2,825,800.86)	\$ (530,347.61)	\$ (3,356,148.48)	\$ (2,825,800.86)	\$ (2,825,800.86)	\$ (530,347.61)	\$ (3,356,148.48)
48 2070	\$ (2,921,267.32)	\$ (2,921,267.32)	\$ (548,744.65)	\$ (3,470,011.97)	\$ (2,921,267.32)	\$ (2,921,267.32)	\$ (548,744.65)	\$ (3,470,011.97)
49 2071	\$ (3,019,811.61)	\$ (3,019,811.61)	\$ (567,743.34)	\$ (3,587,554.95)	\$ (3,019,811.61)	\$ (3,019,811.61)	\$ (567,743.34)	\$ (3,587,554.95)
50 2072	\$ (3,121,530.36)	\$ (3,121,530.36)	\$ (587,362.71)	\$ (3,708,893.07)	\$ (3,121,530.36)	\$ (3,121,530.36)	\$ (587,362.71)	\$ (3,708,893.07)
	\$ 287,588,299.31	\$ 325,193,503.92	\$ 69,749,149.56	\$ 394,942,653.49	\$ 300,227,232.44	\$ 347,315,840.22	\$ 72,073,465.96	\$ 419,389,306.17

230 KV SLTP TRACY-SAN LUIS BASE CASE COST ANALYSIS ASSUMPTIONS

Tracy - San Luis Project Assumptions	
Cost Assumptions - New Transmission	
Present Worth Project Cost	\$203,175,593
Initial O&M	\$430,000
Annual 3rd Party Debt Service	\$1,000,000
3rd Party Revenue Growth	3%
Financial Assumptions	
Inflation Rate	2.0%
No. of years amortization	30
No. of years Project Life	50
Physical System Assumptions	
Avoided Avg Annual Pumping Energy Load (MWh)	433,000

TIP Funding Assumptions	
Present Worth Project Cost	\$203,175,593
TIP Interest Rate (2016-2032)	2.50%
Capitalized Interest (2018-2022)	\$ 19,438,621.05
Underwriting Fee	\$ 1,000,000.00
Bank Application Fee	\$ 750,000.00
Bank Maintenance Fee	\$ 350,000.00
Debt Service Reserve	\$ 10,700,000.00

SLTP Funding Assumptions	
Balance to be SLTP Funded	\$148,909,476
Underwriting Fee	\$744,547
Bank Application Fee	\$750,000
Other Issuance Cost	\$250,000
Debt Service Reserve	\$13,150,000
SLTP Cost Recovery	\$163,804,023
Annual Bank Maintenance Fee	\$250,000
Cost of Capital (2033-2052)	5.00%
Interest capitalized in 2018-2022	
Principal payments 2023-2052	

230kV SLTP TRACY-O'NEILL BASE CASE COST ANALYSIS ASSUMPTIONS

Tracy - O'Neill Assumptions	
Cost Assumptions - New Transmission	
Present Worth Project Cost	\$216,023,480
Initial O&M	\$430,000
Annual 3rd Party Debt Service	\$1,000,000
3rd Party Revenue Growth	3%
Financial Assumptions	
Inflation Rate	2.0%
No. of years amortization	30
No. of years Project Life	50
Physical System Assumptions	
Avoided Avg Annual Pumping Energy Load (MWh)	433,000

TIP Funding Assumptions	
600 MW Project Cost	\$216,023,480
TIP Interest Rate (2018-2032)	2.50%
Capitalized Interest	\$ 20,667,829.75
Underwriting Fee	\$ 1,000,000.00
Bank Application Fee	\$ 750,000.00
Bank Maintenance Fee	\$ 350,000.00
Debt Service Reserve	\$ 12,000,000.00

SLTP Funding Assumptions	
Balance to be SLTP Funded	\$167,194,207
Underwriting Fee	\$835,971
Bank Application Fee	\$750,000
Bank Maintenance Fee	\$250,000
Other Issuance Cost	\$250,000
Debt Service Reserve	\$14,800,000
SLTP Cost Recovery	\$184,080,178
Cost of Capital (2033-2052)	
Interest capitalized in 2018-2022	5.00%
Principal payments 2023-2052	

230KV SLTP SAN LUIS-DOS AMIGOS BASE CASE COST ANALYSIS ASSUMPTIONS

San Luis-Dos Amigos Assumptions	
Cost Assumptions - New Transmission	
Present Worth Project Cost	\$46,863,313
Initial O&M	\$100,000
Annual 3rd Party Debt Service	\$200,000
3rd Party Revenue Growth	3%
Financial Assumptions	
Inflation Rate	2.0%
No. of years amortization	30
No. of years Project Life	50
Physical System Assumptions	
Avoided Avg Annual Pumping Energy Load (MWh)	433,000

TIP Funding Assumptions	
600 MW Project Cost	\$46,863,313
TIP Interest Rate (2019-2032)	2.50%
Capitalized Interest	\$ 1,171,582.83
Underwriting Fee	\$ 1,000,000.00
Bank Application Fee	\$ 750,000.00
Bank Maintenance Fee	\$ 350,000.00
Debt Service Reserve	\$ 2,500,000.00

SLTP Funding Assumptions	
600 MW Project Cost	\$34,856,597
Underwriting Fee	\$174,283
Bank Application Fee	\$0
Bank Maintenance Fee	\$0
Other Issuance Cost	\$0
Debt Service Reserve	\$3,100,000
SLTP Cost Recovery	\$38,130,880
Cost of Capital (2033-2052)	
Interest capitalized in 2019-2022	5.00%
Principal payments 2023-2052	

MEMORANDUM OF UNDERSTANDING

by and among

DUKE-AMERICAN TRANSMISSION COMPANY, LLC

and

SAN LUIS & DELTA - MENDOTA WATER AUTHORITY

This Memorandum of Understanding (“MOU”) is entered into by and among Duke-American Transmission Company, LLC (“DATC”) and the San Luis & Delta Mendota Water Authority (“SLDMWA”) (collectively “Parties”, and individually, “Party”) on _____, 2017 (“Effective Date”).

WHEREAS, the SLDMWA, Bureau of Reclamation (“Reclamation”), and the Western Area Power Administration (“WAPA”) are developing a new high voltage transmission line that would create a direct interconnection between the Reclamation’s San Luis Pump-Generation Plant, O’Neil Pump Generation Plant and the Dos Amigos Pumping Plant and WAPA’s Central Valley Project (“CVP”) transmission system (the “San Luis Transmission Project” or “SLTP”).

WHEREAS, on March 20, 2014, the Parties entered into a Memorandum of Understanding to memorialize the Parties’ intentions with respect to a 500 kV option for SLTP (the “Original MOU”).

WHEREAS, WAPA and the SLDMWA prepared an Environmental Impact Statement/Environmental Impact Report (“EIS/EIR”) for the SLTP, which included both a 230 kV and a 500 kV option, and on May 9, 2016, WAPA published a Record of Decision and on April 9, 2017, the SLDMWA issued a Notice of Determination for the San Luis Transmission Project EIS/EIR (the “Final EIS/EIR”).

WHEREAS, the 500 kV option includes a new 500 kV transmission line about 65 miles in length between the new Tracy East and Los Banos West Substations and a new 230 kV transmission line about

20 miles in length between WAPA's existing San Luis Substation and WAPA's existing Dos Amigos Substation, among other project components.

WHEREAS, the 230 kV option includes a new 230 kV transmission line about 65 miles in length between the new Tracy East and Los Banos West Substations and a new 230 kV transmission line about 20 miles in length between WAPA's existing San Luis Substation and WAPA's existing Dos Amigos Substation, among other project components.

WHEREAS, WAPA has developed cost estimates for 230 kV SLTP. The estimates for each segment of the proposed SLTP are as follows:

1. Tracy-San Luis 230 kV - \$203,175,593
2. San Luis-O'Neill - \$12,847,887
3. San Luis – Dos Amigos - \$46,863,313

WHEREAS, the Parties wish to terminate and supersede in its entirety the Original MOU by this MOU to provide for the cooperation and delegation of responsibilities for certain components of the SLTP specified herein.

NOW, THEREFORE, in consideration of the mutual promises and conditions herein contained, the Parties agree as follows:

1. **Original MOU**

The Original MOU is hereby terminated and superseded by this MOU.

2. **Cooperation**

Each Party shall cooperate with the other in the fulfillment of each Party's respective obligations under this MOU, including but not limited to the development of certain components of the SLTP. For purposes of this MOU, the Parties agree to cooperate on the Tracy-San Luis segment of the 230 kV option, but not in the San Luis-O'Neil (70-kV segment). The Parties agree to

discuss in good faith possible cooperation in developing the San Luis-Dos Amigos section of the 230 kV option. In addition, and as discussed in greater detail below, the Parties will also continue to evaluate the 500 kV option for a limited period of time.

The Parties will make a final determination on whether to execute a joint project agreement consistent with this MOU for the development of the 230 kV or the 500 kV option no later than December 31, 2017.

3. **Role of WAPA**

- a. WAPA shall be responsible for constructing all components of the SLTP as contemplated in the Final EIS/EIR.
- b. WAPA shall own the physical assets and become the operations and maintenance provider.

4. **Role of SLDMWA**

- a. SLDMWA shall provide DATC with a detailed cost estimate of pursuing the various SLTP segments absent any involvement by DATC in project development.
- b. SLDMWA will develop and provide DATC with the annual cost estimate for a 30-year period, which shall include the expected annual costs for each segment.
- c. SLDMWA shall review DATC's cost estimate contemplated herein, and determine subject to the SLDMWA's sole discretion whether to execute a project development agreement with DATC.
- d. SLDMWA or Reclamation shall own transmission service rights for 200 MW.
- e. SLDMWA or Reclamation shall be responsible for financing either: (1) the amount of total project costs (including planning, right-of-way procurement, construction and legal costs) equal to its respective transmission service rights as a percentage of the total transfer capacity as determined by WAPA at the time of construction; or (2) 1/3 of the total project costs (including planning, right of way, procurement, construction, and legal

costs). The Parties agree to negotiate in good faith an equitable cost sharing arrangement based on WAPA's final determination of the total transfer capacity for the Tracy-San Luis segment and potentially the San Luis – Dos Amigos segment of the 230-kV option.

- f. SLDMWA may apply to the Department of Energy's Transmission Infrastructure Program to obtain financing for costs associated with transmission service rights for 200 MW.
- g. SLDMWA or Reclamation shall enter into a thirty (30) year term contract for the use of 200 MW of DATC's transmission service rights, as contemplated herein.

5. **Role of DATC**

- a. After reviewing SLDMWA's cost estimates contemplated herein, DATC will prepare a detailed, non-binding cost estimate for the components of the SLTP subject to this MOU.
 - i. DATC will provide a cost estimate based upon the WAPA provided project materials; and
 - ii. DATC will provide a cost estimate based upon its active engagement and participation in the final design, procurement, and construction of the SLTP.
- b. DATC shall be responsible for financing either: (1) the amount of total project costs (including planning, right-of-way procurement, construction and legal costs) equal to its respective transmission service rights as a percentage of the total transfer capacity as determined by WAPA at the time of construction; or (2) 2/3 of the total project costs (including planning, right of way, procurement, construction, and legal costs). The Parties agree to negotiate in good faith an equitable cost sharing arrangement based on WAPA's final determination of the total transfer capacity for the Tracy-San Luis segment and potentially San Luis – Dos Amigos segment of the 230-kV option.
- c. DATC shall own transmission service rights for all transmission rights in the SLTP less SLDMWA's or Reclamation's 200 MW of transmission service rights, and potentially any capacity share owned by WAPA, if required.

- d. DATC shall enter into a thirty (30) year term transmission sales contract with SLDMWA or Reclamation for SLDMWA's or Reclamation's use of 200 MW of DATC's transmission service rights at an annual rate to be agreed upon at a future date.
- e. At the end of the thirty (30) year term transmission sales contract, DATC shall transfer 200 MW of transmission service rights to SLDMWA or Reclamation for \$1.00.
- f. DATC shall work with SLDMWA and Reclamation in good faith to negotiate an alternative financing structure, wherein SLDMWA or Reclamation may not be able to finance any of the project costs and instead works with DATC to finance the total project costs, and DATC will enter into a thirty (30) year term contract for a total of 400 MW of transmission service rights.
- g. DATC may apply to the Department of Energy's Transmission Infrastructure Program to obtain financing for its share of the project costs.

6. SLTP 500 kV Options

- a. The Parties commit to continue pursuit of the 500 kV option permitted by WAPA.
- b. A 500 kV option will be pursued if benefits can be derived for both Parties and both Parties mutually agree to move forward with the project. Should the Parties mutually agree to pursue a 500 kV option, the Parties agree to negotiate a project development agreement in good faith that appropriately addresses the cost impacts to SLDMWA associated with pursuing a 500kV project.

7. Successor Agreements

- a. Subject to the approval of each of the Parties, the Parties agree to work in good faith to execute a project development agreement with WAPA, under which each Party would contract for its respective transmission service capacity share of the SLTP, and WAPA would proceed with the right-of-way phase and the construction phase.

- b. Subject to approval of each of the Parties, the Parties agree to work in good faith to execute a thirty (30)-year transmission sales contract between DATC and SLDMWA or Reclamation, as contemplated in Section 5d of this MOU.

8. Funding Allocation

- a. Each Party has been responsible for its own costs during the WAPA Open Access Transmission Service Tariff (OATT) study phase and the environmental phase. The Parties agree that SLTP costs incurred during the study phase and the environmental phase have been borne by the CVP contractors and Reclamation and shall be funded by CVP contractors and Reclamation on an ongoing basis. Upon execution of a project development agreement, DATC will contribute its share of the funding for the Prudently Incurred Costs of the SLTP in an amount equal to its transmission service rights of the SLTP, and in accordance with a project development agreement. “Prudently Incurred Costs” shall include all expenses incurred and paid to WAPA by Reclamation that are directly related to WAPA’s work activities associated with the preparation of the Final EIS/EIR design of the SLTP.

9. Miscellaneous

- a. This MOU identifies roles and responsibilities of the Parties in working together toward the execution of a project development agreement for the SLTP, but does not bind either Party to project implementation. The Parties intend that they be bound to the duties and obligations set forth in Section 9 hereof. Except as expressly set forth in Section 9, the Parties intend that this MOU represent only an expression of the Parties’ present intent to work together in good faith in pursuit of the SLTP, and to negotiate the agreements contemplated herein. Except for the terms listed in Section 9, this MOU does not create a legally enforceable agreement or any rights, duties, obligations, or liabilities whatsoever.

- b. Exclusivity. SLDMWA shall work exclusively with DATC during the Term of this MOU.
- c. Term. The term (“Term”) of this MOU commences on the Effective Date and shall terminate on the earlier of:
- i. the date either Party notifies the other Party in writing to terminate the MOU;
 - ii. the date the Parties mutually agree in writing to terminate the MOU;
 - iii. the date that one or more definitive agreements (including a project development agreement) with respect to the SLTP are executed; or
 - iv. three (3) years from the date hereof.
- d. Confidentiality. Except as required by law applicable to the SLDMWA, including but not limited to, CEQA (Public Resources Code 21100, et seq.), the California Public Records Act (Govt. Code 6250, et seq.), and the Brown Act (Gov. Code ___), the Parties agree that the provisions relating to the exchange of “Confidential Information” as that term is set forth in that certain Confidentiality and Non-Disclosure Agreement dated July 28, 2014 between the Parties (the “Confidentiality Agreement”) shall apply to the Parties’ discussions and actions under this MOU and the delivery, receipt and treatment of all Information indicated by the Parties to be “Confidential” and disclosed by the Parties in connection with this MOU. Neither Party shall issue any press release or make any public disclosure about the relationship of the Parties or execution of this MOU without the other Party’s consent, which consent shall not be unreasonably withheld.
- e. Assignment. Neither Party may sell, assign or otherwise transfer its interest in this MOU or any of its duties or obligations under this MOU without the prior written consent of the other Party, which consent the other Party may grant or withhold in its sole discretion. Notwithstanding the foregoing, DATC may form a wholly-owned, project-specific subsidiary with respect to its rights and obligations in connection with the SLTP, and may assign its interest in this MOU to such subsidiary.

- f. No Joint Venture. The covenants, obligations and liabilities of the Parties are intended to be severable and not joint or collective and nothing in this MOU is intended to create an association, partnership, joint venture or other joint enterprise between the Parties and/or any other person. Neither Party is authorized to enter into agreements or make commitments with third parties as agent for the other Party; provided, that this term shall not prevent SLDMWA from entering into agreements with its member agencies that it deems required to implement the SLTP or this MOU.
- g. Notices. All notices, demands or other communications required or desired to be given under this MOU by either Party must be in writing and will only be deemed to have been fully given: (i) upon receipt, if hand delivered; (ii) three (3) business days after the deposit thereof at any main branch United States Post Office, if sent by United States registered or certified mail, return receipt requested; (iii) on the first business day following deposit thereof at the office or drop box of a nationally recognized overnight delivery service, if sent by such service; (iv) upon confirmation of receipt, if sent by email, addressed to the Party receiving notice at the address set forth below their signature.
- h. Governing Law. The laws of the State of California govern the validity, performance and enforcement of this MOU and the Parties intend that this MOU be construed in accordance with California law without regard to conflicts of laws principles.
- i. Interpretation. Whenever the singular number is used, the same shall include the plural. The section headings appearing in this MOU are inserted only as a matter of convenience and in no way define, limit, construe or describe the scope or intent of such sections or paragraphs of this MOU or in any way affect this MOU.
- j. Severability. If any term or provision of this MOU is determined to be unenforceable or invalid for any reason, this MOU will terminate. Provided, however, upon a determination that any term or provision of this MOU is unenforceable or invalid, the

Parties shall negotiate in good faith to negotiate a new memorandum of understanding in a manner most closely reflecting the Parties' intent reflected in the MOU.

k. Counterparts and Electronic Signatures. This MOU may be executed in any number of counterparts, any or all of which may contain the signature of any one of the Parties and all of which will be construed together as a single instrument. An electronic signature on this MOU (or copies of signatures sent by electronic means) is deemed to be sufficient evidence of a Party's action or intent.

10. Signatures

By signing below, each respective Party represents its agreement to the terms of this MOU.

SAN LUIS & DELTA -MENDOTA WATER AUTHORITY

Name Date

DUKE-AMERICAN TRANSMISSION COMPANY, LLC

Name Date

[NOTE: Section9.g. contemplates that each party will list its address for notices in the signature block]

SAN LUIS & DELTA-MENDOTA WATER AUTHORITY

RESOLUTION NO. 2017-

**RESOLUTION AUTHORIZING EXECUTION OF
A MEMORANDUM OF UNDERSTANDING BY AND AMONG
DUKE-AMERICAN TRANSMISSION COMPANY, LLC AND
SAN LUIS & DELTA - MENDOTA WATER AUTHORITY**

WHEREAS, the San Luis & Delta-Mendota Water Authority (“Authority”), United States Bureau of Reclamation (“Reclamation”), and the Western Area Power Administration (“WAPA”) are developing a new high voltage transmission line that would create a direct interconnection between the Reclamation’s San Luis Pump-Generation Plant, O’Neil Pump Generation Plant and the Dos Amigos Pumping Plant and WAPA’s Central Valley Project (“CVP”) transmission system (the “San Luis Transmission Project” or “SLTP”).

WHEREAS, WAPA and the SLDMWA prepared an Environmental Impact Statement/Environmental Impact Report (“EIS/EIR”) for the SLTP, which included both a 230 kV and a 500 kV option, and on May 9, 2016, WAPA published a Record of Decision and on April 9, 2017, the SLDMWA certified the environmental impact report, made certain findings of fact in accordance with Section 21081 of the California Public Resources Code and Section 15091 of the CEQA Guidelines, including findings that any potentially significant effects of the SLTP will be avoided or reduced to a level that will be less than a significant adverse environmental effect by identified and adopted mitigation and monitoring measures, and issued a Notice of Determination for the San Luis Transmission Project EIS/EIR (the “Final EIS/EIR”).

WHEREAS, none of the conditions described in California Public Resources Code Section 21166 and CEQA Guidelines Sections 15162 or 15163 of the CEQA Guidelines has occurred since certification of the Final EIS/EIR. Implementation of the SLTP through the proposed action will not result in one or more significant effects not discussed in the EIS/EIR, nor will the proposed action create substantially more severe significant effects than previously examined in the EIS/EIR. No new or expanded mitigation measures are required.

WHEREAS, the 230 kV option includes a new 230 kV transmission line about 65 miles in length between the new Tracy East and Los Banos West Substations and a new 230 kV transmission line about 20 miles in length between WAPA’s existing San Luis Substation and WAPA’s existing Dos Amigos Substation, among other project components.

WHEREAS, the 500 kV option includes a new 500 kV transmission line about 65 miles in length between the new Tracy East and Los Banos West Substations and a new 230 kV transmission line about 20 miles in length between WAPA’s existing San Luis Substation and WAPA’s existing Dos Amigos Substation, among other project components.

WHEREAS, the Authority and Duke American Transmission Company (“DATC”) have discussed potential partnerships in the transmission capacity for the SLTP.

WHEREAS, the Authority and DATC have discussed, for a 230 kV facility (with up to 800 MW capacity), either Reclamation or the Authority would own 200 MW and DATC would own the remaining transmission capacity, with a long-term lease of 200 MW capacity for use by Reclamation for use by the CVP and DATC having the exclusive rights to all the additional capacity.

WHEREAS, the Authority and DATC have also discussed, for a 500 kV facility (with up to 1,600 MW capacity), with possible similar arrangements, with the CVP having access to 400 MW of capacity – 200 MW of capacity would be owned by Reclamation or the Authority and 200 MW capacity owned by DATC – and DATC having the exclusive rights to all of the additional capacity.

WHEREAS, to memorialize the commitment by the Authority and DATC to explore the potential partnership, the Authority and DATC prepared the attached draft Memorandum of Understanding by and among Duke-American Transmission Company, LLC and San Luis & Delta-Mendota Water Authority (“SLTP MOU”), a copy of which has been presented to the Board and is on file with the Secretary hereof.

NOW, THEREFORE, BE IT RESOLVED, AS FOLLOWS, THAT:

Section 1. Declaration of Board. The Board hereby specifically finds and declares that the statements, findings, and determinations of the Authority set forth in the preambles above are true and correct.

Section 2. Authorization to Execute the SLTP MOU. The Board hereby approves the SLTP MOU in substantially the form presented to the Board, and the Executive Director and the Assistant Executive Director are authorized to execute the SLTP MOU subject to such additions, deletions and revisions as the executive officers may require or approve prior to execution.

Section 3. Additional Actions. The Executive Director and any Authority employee or consultant as he shall designate are further authorized to take such additional actions, including the execution of such additional documents, as may be reasonably necessary to perform under the SLTP MOU.

PASSED AND ADOPTED this 14th day of September, 2017, by the following vote:

AYES:
NAYS:
ABSTAIN:

CANNON MICHAEL, Chairman
SAN LUIS & DELTA-MENDOTA WATER AUTHORITY

Attest:

JASON PELTIER, SECRETARY

I hereby certify that the foregoing is a true and correct copy of a resolution duly adopted by the San Luis & Delta-Mendota Water Authority, a California joint powers agency, at meeting of the Board of Directors thereof duly called and held at the office of the Authority on the 14th day of September, 2017.

JASON PELTIER, Secretary
SAN LUIS & DELTA-MENDOTA WATER AUTHORITY



Box 2157, Los Banos, CA 93635

Phone: 209 826 9696 Fax: 209 826 9698

MEMORANDUM

TO: Members, Water Resources Committee & Finance and Administration Committee

From: Jason Peltier, Executive Director
Jon Rubin, General Counsel

DATE: August 31, 2017

Re: Additional Information to Assist with Considerations Regarding The Creation of a New Position – Deputy General Counsel

I. Request

What areas would a Deputy General Counsel provide assistance?

II. Response

As previously presented, we anticipate a Deputy General Counsel would assist on a variety of legal matters concerning administration and activities within and outside the Water Authority. Examples of “internal” matters with which the Deputy General Counsel would provide support concern compliance with the Ralph M. Brown Act, responding to California Public Record Act requests, drafting Board resolutions and contract/agreement drafting and review. “External” areas where the Deputy General Counsel would support the General Counsel include: (1) administrative/regulatory actions proposed by federal or state agencies, (2) quasi-adjudicatory proceedings before state agencies, and (3) transactions between the Water Authority and federal, state and local agencies.

The Water Resources Committee and Finance and Administration Committee requested additional information regarding the recommendation to create the Deputy Counsel position.

Specifically, the Water Resources Committee requested additional information on type of work the Deputy General Counsel may perform, and the Finance and Administration Committee requested additional information on the amount of work that may be available for the Deputy General Counsel. In response to those requests, we initially looked to the Water Authority’s FY18 budget and conducted what might be described as a hind-cast – we attempted to estimate how much of the budgeted outside counsel work could have been done in house, if the Water Authority had a Deputy General Counsel at the time of budgeting. The following table provides the results of that hind-cast:

Activities in Outside Counsel Budgets	Approximate Hours in Outside Legal Counsel Budgets	Amount of “Billable” Hours Could Be Performed By In House Legal Counsel
General Counsel Support	200	200
General Regulatory Matters	115	100-125
Communication with Board and Committees	De Minimus	50
Litigation Support	3,150	200-250
Re-initiation of Consultation	85	100-200
SGMA	85	50-100
SWRCB	650-700	500
WaterFix	1,000	150-200
Water Transfers	30-35	20-100
Total		1370-1725

In addition, activities that were not directly within outside counsel budgets, but for which the Water Authority would benefit from additional support by a Deputy General Counsel are addressed in the following table:

Activities Not Within Budgets for Outside Counsel	Amount of “Billable” Hours
Drainage Authority/Grasslands Basin Activity Agreement	150
Delta Stewardship Council	150
Regional Water Quality Control Board	150
Reclamation policies and procedures	100
U.S. EPA	100
Additional General Counsel support	100-200
Total	750-850

The hours presented in the tables above are effectively “billable” hours. We estimate that 1,800 hours translates to the amount of time needed to keep one person busy for one year.

The monetary saving associated with a Deputy General Counsel performing legal work, as opposed to outside counsel, could be \$145-\$160 per hour and thus the annual savings could be \$268,250 ($\$145 \times 1,850$ hours) to \$296,000 ($\$160 \times 1,850$).

Most of the activities identified in the tables are expected to continue into the foreseeable future. And, while the amount of time dedicated to some activities may lessen, the amount of time dedicated to other activities is likely to increase. For that reason, as well as based on the data provided in the memorandum from last month, we believe it is reasonable to anticipate the level of work available for a Deputy General Counsel will continue.

A copy of the prior memorandum provided to the Committee is attached.



Box 2157, Los Banos, CA 93635

Phone: 209 826 9696 Fax: 209 826 9698

MEMORANDUM

TO: Members, Water Resources Committee
Members, Finance and Administration Committee

From: Jason Peltier, Executive Director
Jon Rubin, General Counsel

DATE: August 4, 2017

Re: Considerations Regarding The Creation of a New Position – Deputy General Counsel

I. Question

Should the Water Authority create and fill a new “Deputy General Counsel” position?

II. Recommendation

Yes, the Executive Director and General Counsel recommend that the Board of Directors: (1) create a new position of Deputy General Counsel and (2) direct the Executive Director to proceed through the hiring process to fill the position.

III. Legal Work

A. Workload Considerations

If the Water Authority created and filled such a position, a substantial amount of work currently performed by outside counsel would be performed “in house” and, depending on the qualification of the person hired, much of the work would shift from “outside” to “in house” counsel relatively quickly.

“Internal” matters in which the Deputy General Counsel would provide support include: (1) California Public Record Act request and Ralph M. Brown Act compliance, and (2) contracting. Some of the “external” areas where the Deputy General Counsel would support the General

Counsel include: (1) proceedings before the State Water Resources Control Board, (2) Endangered Species Act implementation, and (3) Reclamation’s law and other federal law-related matters that many effect member agency water supply.

Related, the Water Authority recently learned that Diane Rathmann will significantly reduce the amount of time she dedicates to the practice of law. As a result, General Counsel will need to engage to a greater degree on matters involving the Grassland Basin Drainers and the San Joaquin Valley Drainage Authority, as well as other matters in which Ms. Rathmann has devoted the majority of her time, such as water transfers/exchanges. A Deputy General Counsel could assist with meeting the demands resulting from Ms. Rathmann’s decision.

B. Extent of Legal Expenditures

The legal work performed by outside counsel has been consistent. The following table provides legal fees incurred by the Water Authority from its main outside legal counsel (KMTG, Linneman, Diepenbrock, Pioneer, Brownstein) since Fiscal Year 2010:

FY2010	Approximately \$ 3,000,000
FY2011	Approximately \$ 3,100,000
FY2012	Approximately \$ 2,300,000
FY2013	Approximately \$ 1,300,000 ¹
FY2014	Approximately \$ 1,600,000
FY2015	Approximately \$ 2,000,000
FY2016	Approximately \$ 1,400,000
FY2017	Approximately \$ 1,500,000

C. Potential Financial Savings

The addition of a Deputy General Counsel would allow the Water Authority to conduct legal work at a cost per hour lower than the cost if performed by outside counsel. Based on an assessment of the likely salary ranges for a Deputy General Counsel, we anticipate an initial annual cost reduction of approximately \$130,000 based on what the Water Authority is currently paying associates/junior partners at firms that serve as outside counsel.

V. Additional Consideration

Notwithstanding the existing and foreseeable work load, the creation and filing of a new Deputy General Counsel position, even though like other employees would be “at will”, should be viewed as a long-term commitment/investment.

¹ First year in which the Water Authority had “in-house” legal counsel.



MEMORANDUM

TO: JASON PELTIER, EXECUTIVE DIRECTOR
FROM: TOM BOARDMAN, WATER RESOURCES ENGINEER
SUBJECT: SEPTEMBER PROJECT OPERATIONS UPDATE
DATE: SEPTEMBER 6, 2017

Project Operations

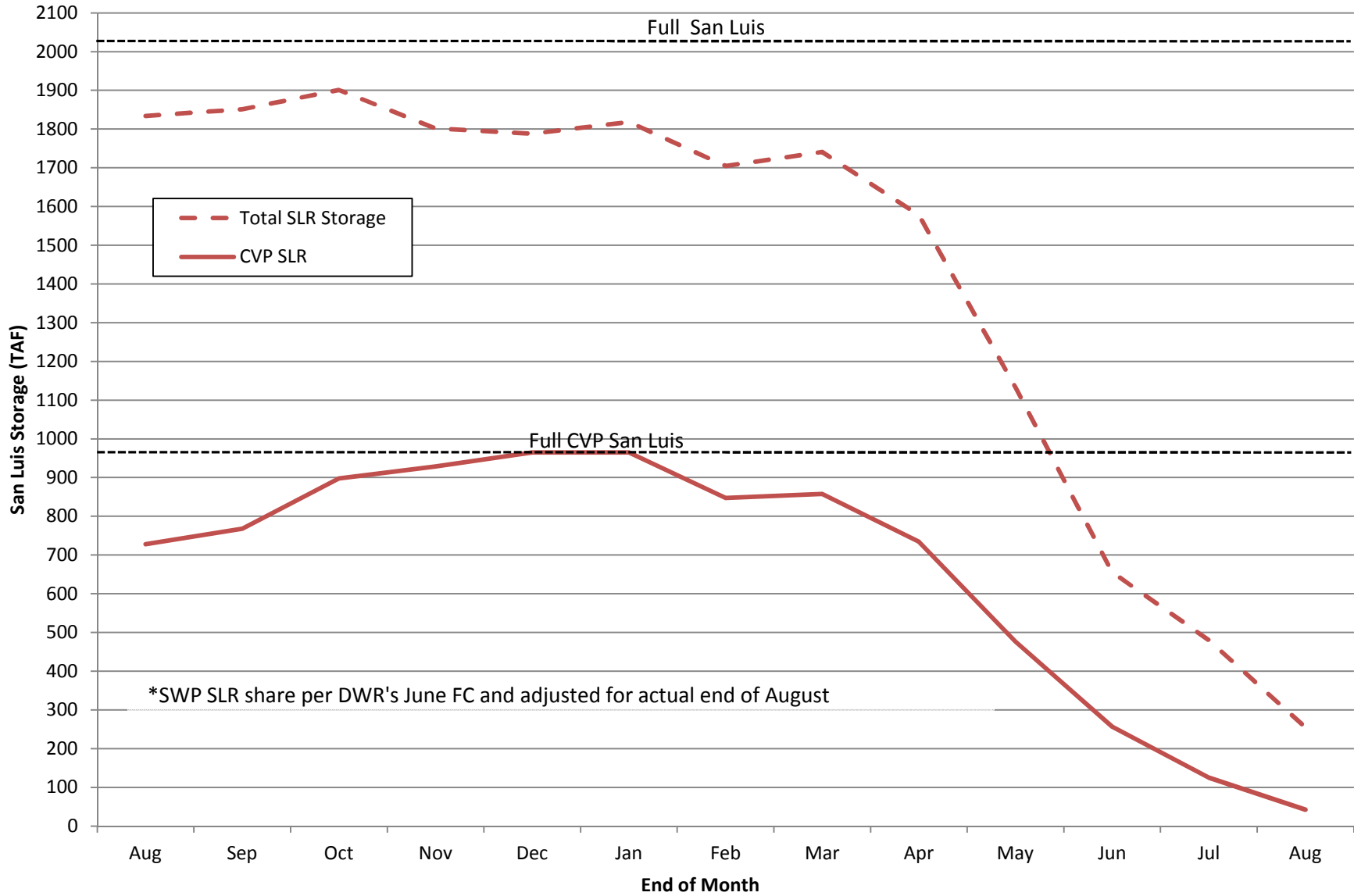
- Jones pumping plant pumped at its seasonal capacity of about 4,350 cfs during August. Depending on the timing of reductions of upstream depletions and amounts of delta inflow, exports may decline during September through November in order to comply with a Fall X2 requirement per the delta smelt BiOp.
- SWP pumping during August averaged at 7,125 cfs - only 55 cfs below its maximum permitted capacity of 7,180 cfs allowed through September. Banks pumping has recently decreased due to Fall X2 requirements.
- Millerton is currently releasing 350 cfs as required by the San Joaquin River Restoration Program. An average of about 110 cfs of the Friant release reached the Mendota Pool during August. As a result, about 6 TAF of Friant water has been delivered to Pool contractors in lieu of DMC water; thus, Friant contractors now have a 60 TAF credit in the CVP share of San Luis.
- Flows on the San Joaquin at Vernalis have decreased from about 5,500 in early August to about 4,800 cfs late in the month. The current flow rate is about 700 cfs less than what occurred during the last wet year in 2011.
- Shasta is 79% full at 3,588 TAF and is drawing down at a rate to meet the Sacramento River temperature control objective and to comply with flood control requirements that go into effect by early November. Current storage is about 55 TAF higher for this date in 2011.
- Folsom is 78% full at 759 TAF and is now decreasing to meet contract demands and to comply with winter flood protection requirements. Current storage is about 55 TAF less for this date in 2011.
- CVP demands were about 8% above the 15 year average during August.

San Luis Reservoir Storage and Allocation Outlook

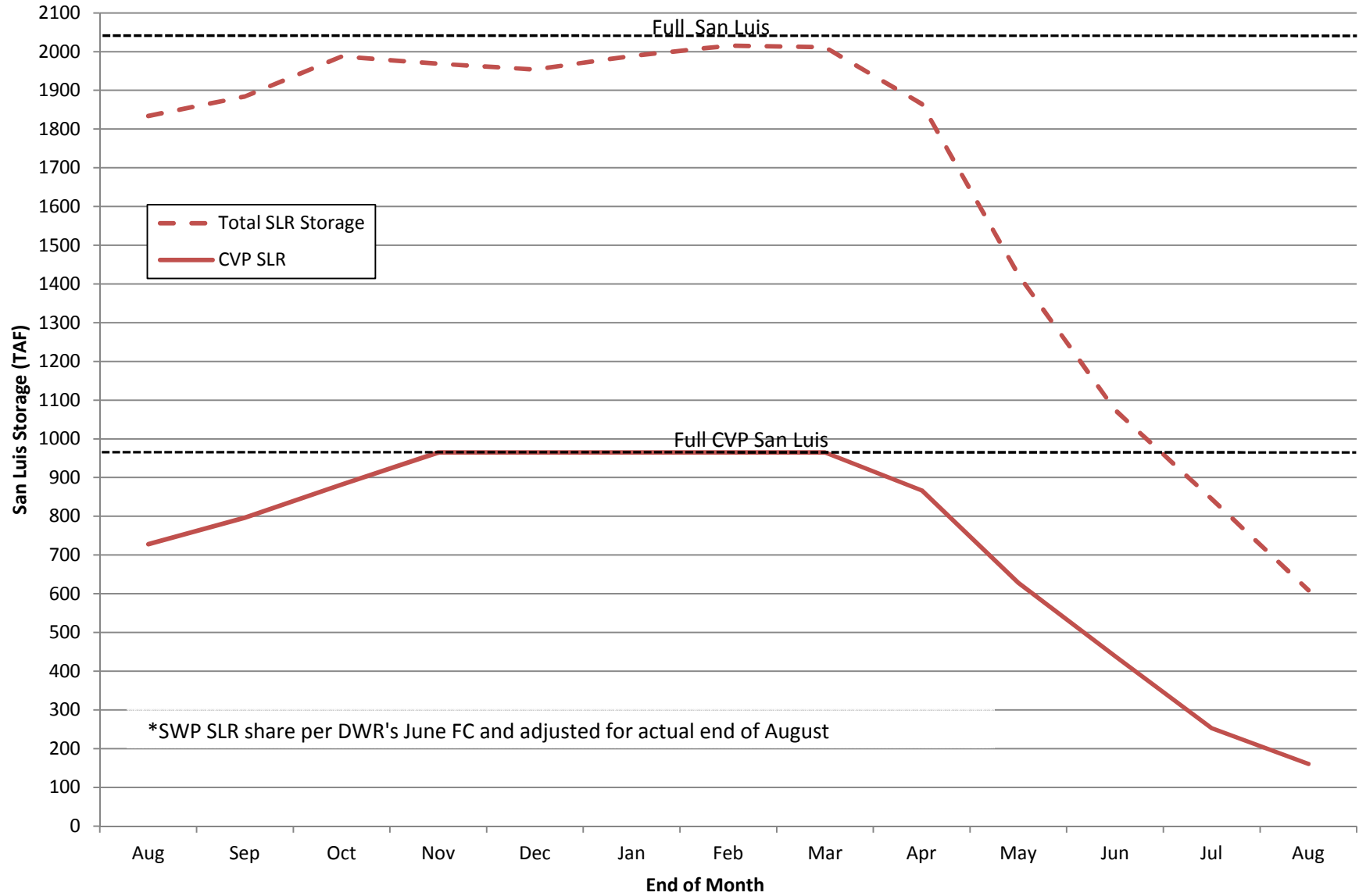
The attached charts show CVP San Luis filling by the end of calendar year 2017 in both 90% and 50% exceedance conditions. However, the refill rate could slow somewhat during the fall months if expected reductions in upstream depletions are delayed and/or export reductions for Fall X2 requirements exceed anticipated levels.

With ample upstream storage and a likely full CVP San Luis storage, the Ag allocation is expected to be at least 35-45% under dry conditions and 45-55% with average conditions. If the San Joaquin basin is above average during late spring, the Ag Allocation could increase to 65-70%.

2017-18 San Luis Storage Refill Projection 90% Exceedance Hydrology



2017-18 San Luis Storage Refill Projection 50% Exceedance Hydrology





MEMO

TO: Jason Peltier, Executive Director
Frances Mizuno, Assistant Executive Director
FROM: Tona Mederios, Director of Finance
SUBJECT: Self-Funding
DATE: September 14, 2017

- 2017 Water Year (Fiscal Year 3/1/17-2/28/18) attachment 1
Self-Funding actual expenses for SLDMWA Routine O&M through July 31, 2017, including DWR conveyance costs related to water pumped at the Intertie through March 2017, are under budget by \$716,833.
- 2016 Water Year (Fiscal Year 3/1/16-2/28/17)
Staff is working on reconciling deliveries and revenue. Once completed, staff will distribute the WY2016 Draft Accountings for a 30 day review.
- 2015 Water Year (Fiscal Year 3/1/15-2/29/16)
The WY2015 Draft Accounting Contractor Records were mailed out on March 31, 2017 for a thirty day review. The review period ended May 1, 2017. Staff has resolved all outstanding issues with Contractors, and has now posted deliveries and water payments as final. Staff is completing other accounting steps and plans to distribute the WY15 Final Accounting soon. The Final Accounting will SLDMWA O&M, SLJU O&M and PUE, but will exclude Intertie O&M and Intertie PUE.

Outstanding

Intertie O&M Cost Recovery – Nothing New to Report

WY12 Intertie True-Up: outstanding, no cost recovery

WY13 Intertie True-Up: outstanding, no cost recovery

WY14 Intertie True-Up: outstanding, no cost recovery

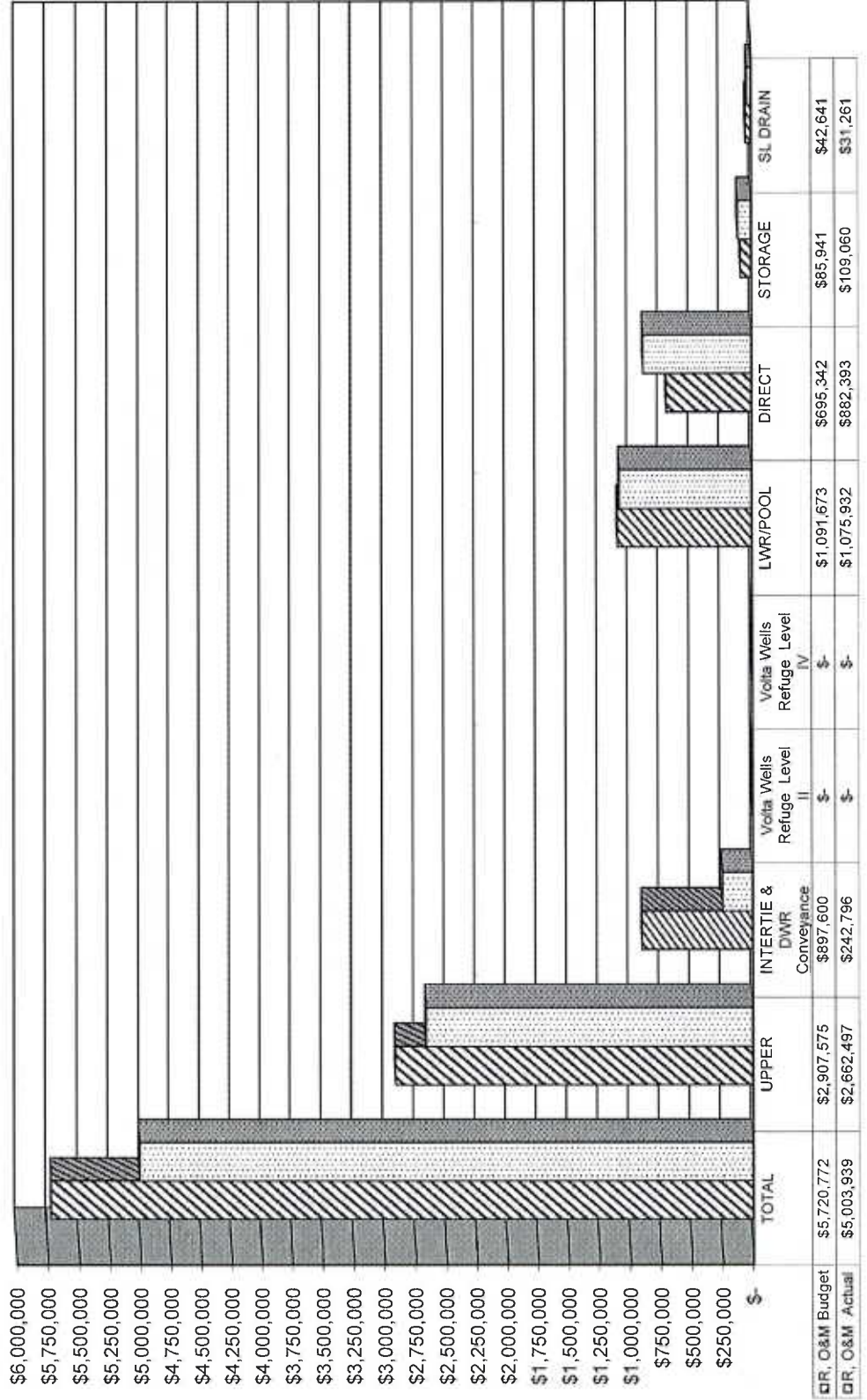
Frances Mizuno is working on this.



BUDGET TO ACTUAL COMPARISONS WY 2017

September 14, 2017

BUDGET TO ACTUAL SELF-FUNDING COST POOLS March 1, 2017 - July 31, 2017



1

Prepared by: Tonia Medeiros

2017 WATER YEAR ALLOCATION

Irrigation - 100%
M & I - 100%
Refuge - 100%
Exchange/ Water Rights - 100%

2017 WATER YEAR WATER RATES

Specialty Rate (Start)	Upper DMV/JPP O&M		Upper Intertie Component	JPP Power Component	Lower DMV/ Mendota Pool Component	O'Neill P.V.G. O'Neill O&M and Power		Reservoirs Component	S/LC O&M Component	DWR DA O&M Component	DA Power Component
	Component	Component				Direct Component	Storage Component				
Total	\$ 12.55	\$ 2.85	\$ 1.19	\$ 0.67	\$ -	\$ -	\$ 0.37	\$ 1.37	\$ -	\$ -	\$ -
Upper DMV Exchange/ Water Rights	\$ 11.16	\$ 2.85	\$ -	\$ 0.67	\$ -	\$ -	\$ 0.37	\$ 1.37	\$ -	\$ -	\$ -
Lower DMV/Pool	\$ 14.58	\$ 2.85	\$ 1.19	\$ 0.67	\$ 2.33	\$ -	\$ 0.27	\$ 1.37	\$ -	\$ -	\$ -
San Felipe	\$ 14.15	\$ 2.85	\$ 1.19	\$ 0.67	\$ -	\$ 2.07	\$ -	\$ 1.37	\$ -	\$ -	\$ -
Above Dos Amigos	\$ 21.12	\$ 2.85	\$ 1.19	\$ 0.67	\$ -	\$ 2.07	\$ -	\$ 1.37	\$ -	\$ -	\$ -
Below Dos Amigos	\$ 25.71	\$ 2.85	\$ 1.19	\$ 0.67	\$ -	\$ 2.07	\$ -	\$ 1.37	\$ -	\$ -	\$ -
Exchange/ Water Rights Lower	\$ 13.49	\$ 2.85	\$ 1.19	\$ 0.67	\$ 2.33	\$ -	\$ 0.27	\$ 1.37	\$ -	\$ 2.44	\$ 2.15
Refuge (Lower)	\$ 14.68	\$ 2.85	\$ 1.19	\$ 0.67	\$ 2.33	\$ -	\$ 0.27	\$ 1.37	\$ -	\$ -	\$ -
Volta Wells-Refuge Level II	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Volta Wells-Refuge Level IV	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
San Luis Drain	\$ 0.06	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

ANNUAL R. O&M BUDGET BY COST POOLS MARCH 1, 2017 - FEBRUARY 28, 2018

Component	UPPER		Intertie	Volta Wells		O'NEILL	
	Component	Component		Level II	Level IV	DIRECT	STORAGE
Total	\$ 5,936,575	\$ 3,562,268	\$ -	\$ 2,444,307	\$ -	\$ -	\$ -
DMC	\$ 3,142,496	\$ 3,192,466	\$ -	\$ -	\$ -	\$ -	\$ -
JPP	\$ 284,705	\$ 213,529	\$ -	\$ 71,176	\$ -	\$ -	\$ -
WW	\$ 2,154,222	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Intertie & Intertie DWR Conveyance	\$ -	\$ -	\$ 2,154,222	\$ -	\$ -	\$ -	\$ -
Volta Wells (SL/DWA O&M - Maricopa)	\$ -	\$ -	\$ -	\$ -	\$ 194,373	\$ -	\$ 208,257
Pool	\$ 184,373	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
O'Neill	\$ 1,875,065	\$ -	\$ -	\$ -	\$ -	\$ 1,668,808	\$ -
SL Drain	\$ 102,337	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 208,257
Total	\$ 13,729,743	\$ 6,988,763	\$ 2,154,222	\$ -	\$ 2,609,956	\$ 1,668,808	\$ 208,257

R. O&M BUDGET BY COST POOLS THROUGH JULY 31, 2017

Component	UPPER		Intertie	Volta Wells		O'NEILL	
	Component	Component		Level II	Level IV	DIRECT	STORAGE
Total	\$ 2,473,593	\$ 1,492,566	\$ -	\$ 81,007	\$ -	\$ -	\$ -
DMC	\$ 1,326,038	\$ 1,326,038	\$ -	\$ -	\$ -	\$ -	\$ -
JPP	\$ 118,828	\$ 88,871	\$ -	\$ 29,657	\$ -	\$ -	\$ -
WW	\$ 897,600	\$ -	\$ 897,600	\$ -	\$ -	\$ -	\$ -
Intertie & Intertie DWR Conveyance	\$ -	\$ -	\$ 897,600	\$ -	\$ -	\$ -	\$ -
Volta Wells (SL/DWA O&M - Maricopa)	\$ -	\$ -	\$ -	\$ -	\$ 66,889	\$ -	\$ 85,941
Pool	\$ 40,889	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
O'Neill	\$ 781,283	\$ -	\$ -	\$ -	\$ -	\$ 685,342	\$ -
SL Drain	\$ 42,641	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 85,941
Total	\$ 9,720,772	\$ 2,907,575	\$ 897,600	\$ -	\$ 1,091,673	\$ 685,342	\$ 85,941

R. O&M Actual COSTS BY COST POOLS THROUGH JULY 31, 2017

Component	UPPER		Intertie	Volta Wells		O'NEILL	
	Component	Component		Level II	Level IV	DIRECT	STORAGE
Total	\$ 2,503,780	\$ 1,510,781	\$ -	\$ 992,989	\$ -	\$ -	\$ -
DMC	\$ 1,300,797	\$ 1,300,797	\$ -	\$ -	\$ -	\$ -	\$ -
JPP	\$ 27,892	\$ 20,819	\$ -	\$ 6,973	\$ -	\$ -	\$ -
WW	\$ 242,796	\$ -	\$ 242,796	\$ -	\$ -	\$ -	\$ -
Intertie & Intertie DWR Conveyance	\$ -	\$ -	\$ 242,796	\$ -	\$ -	\$ -	\$ -
Volta Wells (SL/DWA O&M - Maricopa)	\$ -	\$ -	\$ -	\$ -	\$ 75,960	\$ -	\$ 109,060
Pool	\$ 75,960	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
O'Neill	\$ 951,453	\$ -	\$ -	\$ -	\$ -	\$ 882,393	\$ -
SL Drain	\$ 31,261	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 109,060
Total	\$ 9,000,939	\$ 2,662,467	\$ 242,796	\$ -	\$ 1,075,933	\$ 882,393	\$ 109,060

R. O&M BUDGET vs Actual COSTS THROUGH JULY 31, 2017

Component	UPPER		Intertie	Volta Wells		O'NEILL	
	Component	Component		Level II	Level IV	DIRECT	STORAGE
Total	\$ 5,720,772	\$ 2,907,575	\$ 2,154,222	\$ -	\$ 2,609,956	\$ 1,668,808	\$ 208,257
R. O&M Budget	\$ 5,720,772	\$ 2,907,575	\$ 2,154,222	\$ -	\$ 2,609,956	\$ 1,668,808	\$ 208,257
R. O&M Actual	\$ 9,000,939	\$ 2,662,467	\$ 242,796	\$ -	\$ 1,075,933	\$ 882,393	\$ 109,060
Difference	\$ 7,16,833	\$ 245,078	\$ 654,804	\$ -	\$ 15,741	\$ (786,415)	\$ (11,190)

12.550361% under budget

Month	DIRECT	O'NEILL AF STORAGE	Total
March	\$ 55,428	\$ -	\$ 55,428
April	\$ 90,331	\$ 0	\$ 90,331
May	\$ 154,640	\$ 394	\$ 155,034
June	\$ 186,755	\$ 0	\$ 186,755
July	\$ 197,682	\$ 3,609	\$ 201,291
Aug	\$ 0	\$ 0	\$ 0
Sept	\$ 0	\$ 0	\$ 0
Oct	\$ 0	\$ 0	\$ 0
Nov	\$ 0	\$ 0	\$ 0
Dec	\$ 0	\$ 0	\$ 0
Jan	\$ 0	\$ 0	\$ 0
Feb	\$ 0	\$ 0	\$ 0
Adj	\$ 0	\$ 0	\$ 0
Total	\$ 694,896	\$ 4,003	\$ 698,899
	\$ 954,27%	\$ 0.573%	\$ 100.00%

86% Budgeted %
11% Budgeted %

% CHANGED 12/1/14



September 14, 2017

To: Frances Mizuno, Assistant Executive Director

From: Bob Martin, Engineering and Planning Department Manager

Subject: O&M Report for August 2017

Operations Department

The C.W. "Bill" Jones Pumping Plant (JPP) operated the entire month of August at five units with a daily pumping average of 4,354 cfs. Pumping was reduced to two units five times during the month of August due to the Primary Louvers at the Tracy Fish Collection Facility (TFCF) getting stuck during cleaning operations and once due to aquatic weeds inundating the TFCF trash rack.

Total pumping for the month of August at the JPP was 267,724 acre-feet. The O'Neill Pump/Generating Plant pumped 62,892 acre-feet and generated 156 acre-feet during the JPP reductions due to TFCF issues. Due to subsidence related flow restrictions in several areas of the upper DMC, the DCI Plant has been utilized during the five unit operations at the JPP to help manage water levels in the upper DMC. 21,226 acre-feet were pumped at the DCI plant and no water was reversed into the DMC.

The Federal share in San Luis Reservoir on August 31st was 727,932 acre-feet as compared to 62,471 acre-feet on August 31st, 2016.

Releases from Friant Dam for the San Joaquin River Restoration Program (SJRRP) held steady at 350 cfs for the month of August. Flows into the Mendota Pool from the SJR ranged from 84-155 cfs.

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

Control Operations staff issued clearances for the following work in the month of August: O'Neill Unit 1; main unit and penstock rehabilitation, O'Neill Unit 2; annual maintenance, and O'Neill Unit 6; penstock coating inspection.

SCADA and C&I staff performed the following work for the month of August: Continued with DCI SCADA workstation replacement, provided support for the AVAYA phone system, troubleshoot 'Field Volts per Hertz' alarm on Jones Unit 6, provide support for O'Neill Unit 1 stator condition assessment, attended Siemens PLC training, began

replacement of O'Neill Unit 1 alarm annunciator, and replaced the DMC Check #2 downstream level detector.

Civil Maintenance Department

The Civil Maintenance crews worked on the following projects for the month of August: Grading of DMC unpaved roadways, rodent control, mechanical and chemical weed control, repair potholes for upcoming chip-seal job, continued with erosion repairs on DMC and Wasteways, replaced two turnout gates in DMC, cleaned out toe-drain along Bell Road and DMC, assist electricians with removal and installation of A/C units at DCI, repaired cracked concrete near turnout at DMC milepost 10.53-L, installed O'Neill lakeside stoplogs in O'Neill Unit 6 for penstock inspection and in O'Neill Unit 1 for penstock rehab, installed rebar support and concrete for DCI antenna, removed large submerged tree from the TFCF trash rack, inspected wooden staircases along DMC, and maintenance and repairs to signs, fences, and gates.

Plant Maintenance Department

The Jones and O'Neill Plant Maintenance crews worked on the following projects for the month of August: Replaced motor coupler on DMC Check 18, gate #1, performed annual maintenance on O'Neill Unit 2, investigated and repaired power loss to portions of LBFO (found bad contactor), assist with O'Neill Unit 1 stator condition assessment, repaired Tracy water treatment plant booster pump and replaced sampling lines, replaced the air compressor motor for the JPP butterfly valve system, repaired festoon cable on the JPP monorail trash rake, began replacing labels on JPP components, unstuck Jones Unit 6 cooling water strainer, installed solenoid valve between pressure tank and storage tank for the Tracy water treatment plant, removed and reinstalled A/C units from DCI Plant for cleaning and repairs, sealed embedded conduits at DCI to prevent rodent intrusion, and repaired scaffolding for the O'Neill penstocks.

O'Neill Unit 1 was placed on clearance August 1st for the main unit and penstock rehabilitation. The unit motor has been removed and crews are working on 'unstacking' the remaining components. The motor coolers were removed to facilitate the condition assessment of the stator. The machine shop crew is fabricating new coupling bolts and bearing segments for the three shaft bearing-carriers. October 9th is the tentative start date for the penstock rehab contractor.

Reclamation has provided a draft Jones Unit 6 Rewind Funding Repayment Contract to the Authority. Negotiation sessions have been scheduled for September 27 and 28.

Engineering and Planning Department

The Engineering & Planning Department staff worked on the following projects this month: JPP unit rewind project management, lower DMC check structure stoplog and guide replacement project, OPP Unit 1 pump & penstock rehabilitation projects, DMC Wasteway right-of-way drawings development, website management, and SGMA compliance activities. Inputted USGS and Warren Act Well reading data into SLDMWA

and CASGEM databases. Planning support was provided for civil, mechanical & electrical maintenance activities.

The USBR approved the JPP Unit No. 6 Rewind technical specifications this month. Development of the Instruction to Bidders and General Condition specifications is in progress.

Land Management Activity Summary:

One (1) access permit was issued this month. Permit P1802019 to Central California Irrigation District to use DMC right-of-way from MP88.13R to MP96.61R.

Continued working with Reclamation to issue access easement to landowner at VWW MP5.95. Received final lake and streambed alteration permit for Salado Creek from Fish & Wildlife. The Water Authority signed our portion, and is awaiting the executed copy. Worked with DPWD and their engineers to determine repair route for NVRWP. Repairs will be completed by Canal Maintenance as soon as pumping is reduced. Continued working with City of Patterson and USBR on the request to renew the Black Gulch Creek license, and the Rogers Rd bridge replacement. Worked with Fresno County and Reclamation on the Nees Ave bridge replacement.

Safety Department

Support for OPP Unit assessment testing, support for OPP tear down, safety inspections at OPP and JPP, working on lead and silica work procedures, routine maintenance support, routine training support, field inspection for new water truck production and delivery of new excavator.

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: All materials and service contracts have been awarded. Project start date is September 12th.

DMC Flow Measurement Project – Phase 1 (1700112)

Status: Efforts have been made to acquire a suitable laptop to be used with the River Surveyor, which is what the flowmeter for Check 21 will be calibrated to. Operations currently has the laptop, which has all appropriate software uploaded and ready to be turned over to Mark Walsh. Next step is to update firmware on the River Surveyor itself, and then it can be used as an accurate, reliable calibration tool. Sontek the flow meter manufacturer will become involved in these efforts.

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

Status: Design is complete. Three of the six detailed construction drawings for the guides required are complete. The fabrication of steel guides and concrete stoplogs will be performed by contract.

C.W. “BILL” JONES PUMPING PLANT (JPP)

JPP - Arc Flash Study (1800167)

Status: Received JPP arc flash hazard analysis project management plan from USBR. Project to start on October 1, 2017.

JPP Excitation Cabinet & Control Panel Refurbishment (U-6) (1800333)

Status: Reclamation informed SLDMWA this month that they do not have the resources at this time to provide the design services for this project. SLDMWA will begin preparing contract documents for the design services to be performed by a consultant.

O’NEILL PUMPING/GENERATING PLANT (OPP)

Design New Access Opening near Pump Bowl (1800332)

Status: The initial design is complete. The letter agreement for Reclamation to review designs has been executed and design review began last month.

Rehabilitate Pump Assemblies Unit No. 1 (1800196)

Status: The scaffolding for the pump disassembly has been delivered and erected. Unit disassembly is underway. The motor was removed on August 25 and the pump body is currently being prepared for removal.

Rehabilitate Unit No. 1 Penstock Interiors (1800061)

Status: Contract Documents were completed this month and the project is out for bid. The bids are due on September 6th. A mandatory pre-bid site visit was held at the plant, which allowed interested bidders to view the plant, penstock, and available laydown yards. The flowmeter sensor removal is currently in progress.

EXTRAORDINARY O&M & CAPITAL PROJECTS

Unit Condition Assessment (1800168)

Status: The OPP condition assessment will be performed by the USBR and will begin on August 28th. Two units will be evaluation during this site visit.

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

Scope of Services for August 2017: Revise Specifications related to "FAR," "CFR," "WBR," language inclusion. Adjust schedule to include asbestos abatement requirements.

Highlight of August activities: Changes to Specifications

01 11 00	Summary of Work	FAR
01 32 10	Construction Program	FAR, WBR
01 33 00	Submittals – CDMS Version	FAR
01 35 10	Safety Data Sheets	FAR
01 35 20	Safety and Health	FAR, USBR, RSHS
01 35 22	First Aid and Medical Services	USBR
01 42 10	Reference Standards	FAR, USBR
01 46 00	Quality Procedures	FAR
01 51 00	Temporary Utilities	USBR, RSHS
01 54 20	Use of Jones Pumping Plant Crane	CFR, RSHS
01 55 00	Vehicular Access and Parking	FAR
01 57 20	Environmental Controls	FAR, RSHS
01 60 00	Product Requirements	RSHS
01 74 00	Cleaning and Waste Management	CFR, RSHS
02 83 30	Removal and Disposal of Coatings Containing Metals	FAR, CFR
48 13 62	Armature Winding and Stator Core Removal	RSHS
48 13 73	Field Winding	CFR, USBR
51 00 20	Existing Motor Data	FAR
52 00 00	Drawings	FAR

Total hours for August = 35 hours

Metrics:

Project Management Plan Budget: \$2,000

Actual Billed: 0

Contract Development: \$16,000

Actual Billed: \$9,275

Armature Winding Budget: \$39,000

Actual Billed: \$32,435 (February/March)

Stator Core Specification Budget: \$39,000

Actual Billed: \$5,432.50 (April)

EXTRAORDINARY O&M & CAPITAL PROJECTS

Metrics: (Continued)

Reinsulation of Rotor Field Pole Specification Budget: \$30,500

Actual Billed: \$5,432.50 (April)

General Specification Development: \$3,180 (May)

General Specification Development: \$3,710 (June)

Revise Specifications: \$13,515 (July)

Revise Specifications: \$9,275 (August)

Percent billed versus budget, Specifications to Date: \$72,980/\$126,500 = 58% of Budget

* Schedule for Armature Winding Specification Development: 2/27 – 3/26; Completed 3/28/2017

* Schedule for Stator Core Specification Development: 3/27 – 4/23; Completed 4/16/2017

* Schedule for Reinsulate Field Pole Specification Development: 4/24 – 5/14; Completed 4/16/2017



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

NOTE: ALL FIGURES ARE IN ACRE FEET

	July-2017	July-2016
JONES PUMPING PLANT - PUMPED	261,041	59,199
DCI PLANT - PUMPED	17,111	0
DCI PLANT - RETURNED	0	0
O'NEILL P/G PLANT - PUMPED	113,941	284
O'NEILL P/G PLANT - GENERATED	3,609	113,703
DMC DELIVERIES	49,378	51,350
RIVER & WELL WATER INTO DMC	1,428	2,708
MENDOTA POOL DELIVERIES	147,862	126,493
SHASTA RESERVOIR STORAGE	3,941,700	3,544,400
SAN LUIS RESERVOIR STORAGE	1,924,576	195,296
* FEDERAL SHARE	811,092	39,882

	July-2017	July-2016
SAN LUIS UNIT DELIVERIES	19,243	15,390
SAN LUIS UNIT WELL WATER	0	0
SAN FELIPE UNIT DELIVERIES	14,229	8,590

Jones Pumping Plant monthly average = 4,245 cfs



San Luis & Delta-Mendota Water Authority
Monthly Deliveries
July 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)
Total Pumped @ Jones Pumping Plant	261,041			
Total Pumped @ DCI	(17,111)			
Total Reversed @ DCI	0			
City of Tracy		0	877	877
Byron Bethany I.D.		962	105	1,067
West Side I.D.		0	0	0
Banta Carbona I.D.		0	0	0
West Stanislaus I.D.		91	0	91
Patterson I.D.		51	0	51
Del Puerto W.D.		12,561	0	12,561
Central California I.D. - above check #13		1,737	0	1,737
San Luis W.D.- above check #13		0	12	12
Volta Wildlife Mgmt. Area (Fish & Game)		348	0	348
Fish & Wildlife (Volta) Santa Fe - Kesterson		0	0	0
Grasslands W.D. (Volta)		0	0	0
Total Pumped @ O'Neill PP	(113,941)			
Total Generated @ O'Neill PP	3,609			
Central California I.D. - below check #13		23,731	0	23,731
Grasslands W.D. (76.05-L)		0	0	0
Fish & Game Los Banos Refuge (76.05-L)		0	0	0
Fish & Wildlife Kesterson (76.05-L)		0	0	0
Freitas Unit (76.05-L)		0	0	0
Salt Slough Unit (76.05-L)		0	0	0
China Island (76.05-L)		0	0	0
San Luis W.D. - below check #13		1,455	1	1,456
Panoche W.D.		2,064	2	2,066
Eagle Field W.D.		738	0	738
Oro Loma W.D.		53	0	53
Mercy Springs W.D.		0	0	0
Firebaugh Canal W.D. (D.M.C.)		4,590	0	4,590
River and Groundwater well pump-in	1,428			
Change in Canal Storage	(633)			
Wasteway Flushing and Spill	0			
Total Available in Delta-Mendota Canal	134,393			
TOTAL DELIVERY FROM DELTA-MENDOTA CANAL	(49,378)	48,381	997	49,378
Theoretical DMC Delivery to Mendota Pool	85,015			
Total Estimated DMC Delivery to MP <i>(determined at Check 20)</i>	75,621			
Estimated (Loss) or Gain in DMC	(9,394)			
Estimated % Loss or Gain in DMC	-3.56%			



San Luis & Delta-Mendota Water Authority
Monthly Deliveries
July 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	75,621			
Mendota Pool Groundwater Well Pump-In	70			
(+SJR Flood Releases into Mendota Pool	50,166			
(+Kings River Flood Releases into the Mendota Pool	35,380			
<i>Mendota Pool Delivery Information</i>				
<i>Exchange Contractors:</i>				
Central California Irrigation District (CCID)		79,406	0	79,406
Columbia Canal Company (CCC)		9,101	0	9,101
Firebaugh Canal Water District (FCWD)		7,210	0	7,210
San Luis Canal Company (SLCC)		30,332	0	30,332
<i>Refuge:</i>				
Conveyance Losses		0	0	0
Calif Dept of F/G-LB Unit (CCID)		683	0	683
Calif Dept of F/G-LB Unit (SLCC)		0	0	0
Calif Dept of F/G-Salt Slough Unit (CCID)		1,699	0	1,699
Calif Dept of F/G-China Island Unit (CCID)		208	0	208
US Fish & Wildlife-San Luis Refuge (SLCC)		715	0	715
US Fish & Wildlife-Freitas (CCID)		212	0	212
US Fish & Wildlife-Kesterson (CCID)		0	0	0
Grasslands WD (CCID)		1,406	0	1,406
Grasslands WD (SLCC)		173	0	173
Grasslands (Private)		64	0	64
San Luis WD Conveyance (CCID)		67	0	67
<i>Other: (see MP Operations Report)</i>		16,586	0	16,586
<i>Total Available Water in Mendota Pool</i>	161,237			
TOTAL DELIVERY FROM MENDOTA POOL	(147,862)	147,862	0	147,862
*Estimated (Loss) or Gain in Mendota Pool	(13,375)			
*Estimated % Loss or Gain in Mendota Pool	-8.30%			
Total System Delivery	(197,240)			
*Total Estimated System (Loss) or Gain	(22,769)			
*Total Estimated % System Loss or Gain	-7.21%			

Special Notes:

* **Due to Flood Releases from Friant and Pine Flat Dams**

(+) Subject to Revision



JONES PUMPING PLANT
July - 2017

Date	# OF UNITS	TIME ON/OFF	AVG DAILY CFS
1	5	CONTINUOUSLY	4374
2	5	CONTINUOUSLY	4377
3	5	CONTINUOUSLY	4383
4	5	CONTINUOUSLY	4385
5	5	CONTINUOUSLY	4396
6	5	CONTINUOUSLY	4401
7	5	CONTINUOUSLY	4408
8	5 to 2, 2 to 5	OFF@1307,ON@1535 & OFF@1951,ON@2052	3980
9	5 to 2, 2 to 5	OFF@1313 , ON@1434	4148
10	5	CONTINUOUSLY	4333
11	5 to 1, 1 to 5	OFF@1620 , ON@1706	4201
12	5	CONTINUOUSLY	4326
13	5 to 2, 2 to 5	OFF@0848,ON@1021 & OFF@1611,ON@1657	4160
14	5	CONTINUOUSLY	4364
15	5	CONTINUOUSLY	4347
16	5	CONTINUOUSLY	4327
17	5 to 3, 3 to 5	OFF@1140 , ON@1206	4308
18	5	CONTINUOUSLY	4349
19	5 to 0, 0 to 5	OFF@1339 , ON@1444	4203
20	5	CONTINUOUSLY	4315
21	5 to 3, 3 to 5	OFF@0709 , ON@0919	4191
22	5	CONTINUOUSLY	4339
23	5 to 2, 2 to 5	OFF@0755 , ON@1503 & OFF@2228	3445
24	2 to 5, 5 to 2, 2 to 5	ON@0045 & OFF@0804,ON@1550	3528
25	5 to 2, 2 to 5	OFF@0806,ON@1106 & OFF@1555,ON@1758	3893
26	5	CONTINUOUSLY	4361
27	5 to 2, 2 to 5	OFF@0801 , ON@0902	4250
28	5	CONTINUOUSLY	4376
29	5	CONTINUOUSLY	4385
30	5	CONTINUOUSLY	4381
31	5	CONTINUOUSLY	4374
AVG CFS for the month			4245



NON-PROJECT WATER CREDITS REPORT
 (ALL FIGURES IN ACRE FEET)
 July 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	3.069	0	BBID	0	0	0	0
13.31-L	4804	4804	1	0	BBID	0	0	0	0
14.26-R	5217	5217	1	0	BBID	0	0	0	0
15.11-R	1603	1603	1	0	BCID	0	0	0	0
20.42-L	5420888	5910566	1	0	BCID	1503	-75	1428	1428
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
24.38-L	1749	1755	1.04	-6	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	2122	2122	0.92	0	DPWD	0	0	0	0
30.95-L	1909	1909	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	1836	1837	1	-1	DPWD	0	0	0	0
37.10-L	3292	3292	0.94	0	DPWD	0	0	0	0
37.32-L	2653	2653	1	0	DPWD	0	0	0	0
42.50-R	1034	1034	0.96	0	DPWD	0	0	0	0
42.53-L	3397800	3397800	1	0	PID	0	0	0	0
42.53-L	3397800	3397800	1	0	DPWD	0	0	0	0
43.22-L	055	055	1.05	0	DPWD	0	0	0	0
48.97-L	814	814	0.95	0	SLWD	0	0	0	4
50.46-L	4105	4105	1.07	0	DPWD	0	0	0	0
51.00-R	292	292	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	1	0	DPWD	0	0	0	0
UPPER DMC SUB TOTAL								1428	1437
78.31-L	4469	4469	1.08	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
80.03-L	1060	1060	0.94	0	SLWD	0	0	0	8
80.03-R	638	638	1.05	0	SLWD	0	0	0	0
98.60-R	10178	10472	1	-294	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	11
WARREN ACT CONTRACT CREDIT TOTAL								1428	1448
TOTAL GROSS PUMP-IN						CREDIT			
TOTAL (BYRON BETHANY IRRIGATION DISTRICT)						0			
TOTAL (BANTA CARBONA IRRIGATION DISTRICT)						0			
TOTAL (DEL PUERTO WATER DISTRICT)						0			
TOTAL (WEST STANISLAUS IRRIGATION DISTRICT)						0			
TOTAL (PATTERSON IRRIGATION DISTRICT)						0			
TOTAL (SAN LUIS WATER DISTRICT)						0			
TOTAL (PANOCH/MS WATER DISTRICT)						0			
TOTAL (MERCY SPRINGS WATER DISTRICT)						0			
TOTAL (FIREBAUGH WATER DISTRICT)						0			
Other Warren Act Conveyance Credit Totals									
Del Puerto Water District:						0			
Banta Carbona Irrigation District:						1503			
West Stanislaus Irrigation District:						0			
Byron Bethany Irrigation District:						0			
Patterson Irrigation District:						0			

Notes: 20.42-L, 31.31-L and 42.53-L are River water.



CREDITS FOR EXCHANGE AGREEMENTS WITH CCID

(ALL FIGURES IN ACRE FEET)

July 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
CCID	0	0	0	0	0	0	0						0
FRESNO SLOUGH	14	16	38	48	200	219	126						661
TPUD	0	0	0	0	24	21	10						55
JAMES I.D.	2170	410	310	594	6009	4643	6207						20343
MEYERS	715	1525	1417	1201	1039	809	354						7060
M.L. DUDLEY & INDART ¹	0	25	291	204	563	747	802						2632
MID VALLEY* (Kings River)	0	72	1169	1149	954	883	436						4663
REC. DIST. 1606	0	0	0	0	0	0	0						0
STATE FISH & WILDLIFE	546	863	265	306	859	722	1147						4708
TRACTION	636	674	87	235	516	570	843						3561
UNMETERED	120	100	110	45	25	300	80						780
Total	1302	1637	462	586	1400	1592	2070						9049
COELHO FAMILY TRUST ²	0	36	445	682	1040	811	1220						4234
TRANQUILITY I.D.	0	1158	1544	1681	4285	4965	4419						18052
WESTLANDS LATERAL-6	0	0	0	195	230	99	46						570
WESTLANDS LATERAL-7	1021	2960	4465	5540	4417	3796	815						23014
LEMPESES V.L. ³	0	0	20	54	98	114	81						367
TOTAL	5222	7839	10161	11934	20259	18699	16586	0	0	0	0	0	90700

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

BECK	120	PATOS	COLE	TRANQUILITY	1 ACRE
0%	0%	0%	0%	0%	0%

Duck Clubs (Percent Full)

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

Sept, 2017
DMC Inflow
James Bypass Flows

Oct, 2017
DMC Inflow
James Bypass Flows

Nov, 2017
DMC Inflow
James Bypass Flows

Dec, 2017
DMC Inflow
James Bypass Flows



SAN LUIS UNIT DELIVERIES

(ALL FIGURES IN ACRE-FEET)

July 2017

O'NEILL FOREBAY AND POOL 13, SAN LUIS CANAL

O'NEILL FOREBAY WILDLIFE AREA		97
SAN LUIS WATER DISTRICT	AG	730
	M&I	67
V.A. CEMETERY		94
	SUBTOTAL	988

SAN LUIS CANAL, POOLS 14 THRU 21

SAN LUIS WATER DISTRICT	AG	11110
	M&I	3
PANOCHÉ WATER DISTRICT	AG	4925
	M&I	12
PACHECO WATER DISTRICT	AG	2205
	M&I	0
PACHECO C.C.I.D. NON PROJECT		
	SUBTOTAL	18255

TOTAL SAN LUIS UNIT 19243

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.		10759
SAN BENITO CO. W.D.		3470
CASA DE FRUTA		0
	TOTAL	14229



Monthly Availability Report

CW "Bill" Jones Pumping Plant

July - 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%	4	
Unit-2	744	0.0	0.00%	0.0	0.00%	100.00%	16	
Unit-3	744	0.0	0.00%	53.5	7.19%	92.81%	7	
Unit-4	744	0.0	0.00%	0.0	0.00%	100.00%	14	
Unit-5	744	0.0	0.00%	0.0	0.00%	100.00%	15	
Unit-6	744	0.0	0.00%	0.0	0.00%	100.00%	3	
Total	4464	0.0	0%	53.5	1.20%	98.80%	59	

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

July - 2017

Unit #	Max Hours	Scheduled Outages (1)	%	Unscheduled Outages (2)	%	Over-all Availability %	Starts		Comments
							Pump	Gen	
Unit-1	744	0.0	0.00%	21.1	2.84%	97.16%	2	1	
Unit-2	744	0.0	0.00%	0.0	0.00%	100.00%	2	1	
Unit-3	744	0.0	0.00%	0.0	0.00%	100.00%	2	2	
Unit-4	744	0.0	0.00%	0.0	0.00%	100.00%	3	0	
Unit-5	744	0.0	0.00%	0.0	0.00%	100.00%	2	0	
Unit-6	744	0.0	0.00%	0.0	0.00%	100.00%	2	0	
Total	4464	0.0	0%	21.1	0.47%	99.53%	13	4	

Notes:

(1) Planned maintenance

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



Monthly Availability Report

DCI Pumping Plant

July - 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%	1	
Unit-2	744	0.0	0.00%	0.0	0.00%	100.00%	2	
Unit-5	744	0.0	0.00%	0.0	0.00%	100.00%	2	
Unit-6	744	0.0	0.00%	0.0	0.00%	100.00%	1	
Total	2976	0.0	0%	0.0	0.00%	100.00%	6	

Notes:

(1) Planned maintenance

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



September 14, 2017

To: Frances Mizuno, Assistant Executive Director

From: Bob Martin, Engineering & Planning Department Manager

Subject: SGMA Report for August 2017

Sustainable Groundwater Management Activity Summary:

Northern and Central Delta-Mendota Region –

SLDMWA accounting has compiled to-date reports of expenses of the Activity Agreement. The monthly meeting was cancelled due to Brown Act compliance concerns, and Andrew Garcia will work to coordinate resources and resolve issues as much as possible until the next meeting.

Andrew has prepared Grant Application Authorization Letters and Cost Agreement letters to be distributed to applicable GSAs. These letters will be mailed to the respective individuals in September while the Prop 1 Grant Application is being prepared.

Additionally, the Committee was meant to appoint a member to represent the Northern Region at the “Coordination Committee” sub-committee technical meeting, which was coordinated by SLDMWA for September 13th. This meeting will be the first to discuss and develop the subbasin Coordination Agreement technical aspects. Andrew will request a member of one or two Activity Agreement groundwater sustainability agencies attend until the group can officially appoint technical lead representatives.

A Request for Qualifications was distributed to consultants with related experience and responses were received on August 24th. Electronic copies of the Qualifications were distributed to each GSA representative for review with the consultant expected to be selected in September.

Andrew followed up on the status of the first Amendment document for the Central Delta-Mendota Multi-Agency GSA. The Amendment was circulated in July and our agencies continue to provide signed copies of the document. The final document will be compiled and distributed, with a complete copy filed in the Authorities records.

Andrew attended a Land Subsidence in the San Joaquin Valley Seminar, Stream Depletion through the SGMA lens, Regional Groundwater Modeling Workshop, and multiple meetings with Severely Disadvantaged Communities to identify Projects for the Prop 1 Grant funds.

General SGMA Activities:

An application was submitted to DWR for MWH facilitation services. DWR has approved the application. A kick-off call was held to identify the next steps forward and roles and responsibilities of MWH and SLDMWA staff. SLDMWA will be leading the Intrabasin Coordination (coordination between GSAs in the Delta-Mendota Subbasin) as well as Interbasin Coordination (coordination between GSAs and GSPs between adjacent subbasins) largely due to the fact that the Delta-Mendota subbasin abuts 8 subbasins. Most other subbasins area are adjacent to 2 to 3 subbasins. This will require significant coordination efforts, and SLDMWA plans to leverage the expertise of MWH facilitators to develop a Regional Coordination Committee and to bring the Delta-Mendota Subbasin Coordination Agreement to final form.

The Water Authority held the first Delta-Mendota Subbasin GSA “Coordination Agreement” meeting. This meeting was facilitated in order to bring GSA representatives together to discuss the Draft Coordination Agreement, the number of GSPs in the subbasin, as well as the status of current consultants hired for each GSP.