

Regular Meeting of the Board of Directors

**9751 Merced Falls Road
October 16th, 2017 at 1:00 p.m.**

Mission Statement: *The Lake Don Pedro CSD is dedicated to providing our customers with ample quantities of high quality water meeting all standards, in a fiscally responsible manner.*

AGENDA

1. CALL TO ORDER: Presiding Officer: Establish Quorum, Pledge of Allegiance:

2. PUBLIC COMMENT:

Any person may address the Board at this time on any matter within the jurisdiction of the Board that is NOT ON THE AGENDA. A maximum of **three minutes** is allowed each person and a maximum of 20 minutes per topic. Any person wishing to address the Board on an item ON THE AGENDA will be given the opportunity at that time. Speakers are encouraged to consult District Management or Directors prior to agenda preparation regarding any District matters, as no action will be taken on non-agenda issues.

3. PRESENTATION ONLY:

- a. Presiding Officer's Report
- b. General Manager's Report: Peter J. Kampa
- c. Chief Plant Operator's Report: R. Gilgo

4. APPROVAL OF CONSENT AGENDA: The following items may all be approved in one motion or considered separately as determined appropriate by the President

- a. Read and file the September 2017 Treasurer's Report
- b. Approval of the Minutes of the Regular Board Meeting September 18th, 2017

5. DISCUSSION AND ACTION ITEMS

- a. Discussion and action related to a Notice of Violation issued by the State Water Resources Control Board, Division of Water Rights regarding complaint against the District, Water Right A016186
- b. Presentation on the completed digital mapping services provided by California Cad Solutions covering the District boundaries, MID Place of Use and Parcels
- c. Adoption of a resolution approving agreement with California Cad Solutions, Inc for District boundary, infrastructure and operational data hosting services
- d. Adoption of a resolution approving agreement with Kennedy Jenks Consulting Engineers for the design and construction management of the Emergency Barge Renovation Project

- e. Adoption of a resolution approving agreement with Twin Lakes Management Company, Inc. for the fabrication and completion of the Emergency Barge Renovation Project, Project, and amendment of the 2017-18 Budget to provide funding

6. ADJOURNMENT:

Meeting agendas and written materials supporting agenda items, if produced, can be received by the public for free in advance of the meeting by any of the following options:

- A paper copy viewed at the District office, 9751 Merced Falls Rd., La Grange, CA 95329 during business hours or mailed pursuant to a written request and payment of associated mailing fees
- An electronic copy received by email. Note - a form requesting email delivery of agendas and/or meeting materials must be completed a minimum of one week in advance of the meeting
- Viewed on the Board page of the District's website
- A limited number of copies of agenda materials will also be available at the meeting

Americans with Disabilities Act Compliance: If you require special assistance to participate in Board Meetings, please contact the LDPCSD Board Secretary at (209) 852-2251 Ext. 2. Advance notification will enable the District to make reasonable arrangements to insure accessibility.



Lake Don Pedro Community Services District

General Manager's Report

October 16, 2017

1 Report Overview

We are pleased to present this report covering the activities of district management over the past month. The majority of the activity included the recruitment and interview processes for the Operations Manager, researching, planning and reviewing documents related to the barge improvements, preparing for system valve maintenance in advance of the leak detection contractor, reviewing and applying map changes to reports, management of the improvement review at the Dollar Store and New storage facility and searching for qualified operators to fill the gap since we now have only one employee. This report very briefly identifies these issues, and the majority of the detail is contained in agenda items for this and future Board meetings.

2 Management and Administration

- **State Water Board Violation Notice** – We received the Notice of Violation and immediately began working on solutions which will be discussed at this Board meeting. The Outside Place of Use Report is attached herein. Please note that this report will be modified in the coming months based on our discovery of certain properties listed on the report, that are actually located within the Place of Use. The Medina well provided adequate groundwater supply to meet the OPU demand.
- **Status Update on Dollar General Store and Lake Don Pedro Storage** – All agreements are signed and plan review deposits received. Engineer Binkley has issued the review memo for the Dollar Store plans, which in part require that they replace 775 feet of existing 4-inch pipe on Las Palmas Way with 8-inch pipe to achieve the required fire flow.
- **Mapping Project** - This item is included on the October agenda for Board discussion and action. When complete this year, this project will resolve a three decade long controversy over the District boundaries and service area.
- **Operations Manager position** – We have interviewed six candidates and expect to have a decision during this Board meeting week.
- **Potential for Contracted Operations** – As discussed during the September Board meeting, this item will be discussed as an agenda item for November 2017 or as soon thereafter as possible.
- **Yosemite/Mariposa IRWMP** – Attached to this report is a list of projects currently listed as priority in the Yosemite/Mariposa IRWMP. Funding through Prop 1 is soon to be released in 2018, and the IRWM program is updating this project list. Staff will be submitting the

Intake Improvements, Barge Renovations, service line replacements, and raw water pipeline replacement projects to the IRWM for inclusion in the list.

3 Water Service

- **Regulatory compliance** – In October we started special raw water sampling which occurs every two weeks for the next year. The purpose of the monitoring is to determine more closely how susceptible our water supply is, to bacterial contamination in accordance with the Long Term Enhanced Surface Water Treatment Rule II. This mandate adds approximately 40% to our sampling expense.
- **Leak Detection Survey** –The leak detection contractor is schedule for November 5, 2017 through the end of November. We are currently researching options to have the 800+ street valves checked, cleaned and potentially operated in advance of leak detection services.

4 Finance

- We are still working toward USDA reimbursement and in mid September, as requested by USDA submitted another 1100 page binder containing all invoices and reimbursement requests for all emergency wells. Included in this report is the USDA reimbursement request form requesting \$313,328.
- A total of \$8416.21 in customer rebates was paid through the Mariposa County RCD, funded by the IRWM grant. The list is attached. We will be requesting our second reimbursement from DWR this month.

5 Infrastructure and Operations

- **Barge/Water supply Project** – on October 2017 agenda
- **Leak Reports** – Treated water loss rates in August and September 2017 were 23% and 24% respectively; reports attached.

Agency	Title
County of Mariposa	Replace Water Distribution Piping in Yosemite West Subdivision Develop Second Water Source for the Coulterville community Water Treatment for Arsenic Exceedance Replace Sewage Collection Piping in Yosemite West Subdivision Develop Second Water Source for Yosemite West Subdivision Expansion and Repair of Leachfields in the Yosemite West Subdivision Construct a seepage collection and metering tank at Lake Don Pedro Sewage Treatment Plant Repairs and upgrades to Lake Don Pedro Wastewater Treatment System Install back-up power at Mariposa Pines Sewage Treatment Plant Replace Water Distribution Piping in Coulterville Replace Sewage Collection Piping in Coulterville
Mariposa Biomass	Construct Biomass Facility
Lake Don Pedro Community Services District	Lake McClure Deep Water Intake Feasibility Study Dead End Main Replacement Project Lake McClure Intake Improvement Project Phase III Treatment Plant Pump Replacement Project
Mariposa PUD	Stockton Creek Watershed Fuel Modification Project MPUD Waste Water Treatment Facility Improvements Saxon Creek Pump Station Access and Ventilation System Improvements Waste Water Collection System Improvements
Merced Irrigation	Lake McClure Area Recreation Enhancements
Point Blue Conservation Science	Rangeland Watershed Initiative Partner Biologist
Upper Merced River	Water Quality Monitoring Bioassessment in Upper Merced River Watershed Wildfire Fuel Reduction Project
National Park Service/YNP	Supplement Wawona Water System with Biledo Spring Rehabilitate Wawona Wastewater Treatment Plant
Sierra Foothill Conservancy	Bean Creek Meadow Restoration Conservation Easement Conservation Planning, Phase 2 Stockton Creek Preserve Expansion
Ponderosa Basin Mutual Water Company	Rural Water Company Infrastructure Rehabilitation
Yosemite Audubon Society	Mariposa Creek Parkway Extensions Tricolored Blackbird Nesting Habitat Enhancement Program for Mariposa County
Yosemite Alpine Community Services District	Water Meter Replacement Drill well on Yosemite Mtn. Ranch TPZ and pipe water to new tanks
USFS, Sierra NFI Bass Lake Ranger District	Fuels Reduction Projects

USFS, Stanislaus NF	Monotti / Greeley Hill Fuel Reduction, Noxious Weed treatment, and Water Quality Improvement Project
American Indian Council of Mariposa County	Bear Creek Tribal Water Storage Project Mariposa Creek Native Plants Restoration and Education Project Invasive Plant Eradication/Native Plant Enhancement, Wawona, Yosemite NP
Fish Camp Volunteer Fire Association	Drought/Fire Storage with additional wells with distribution pipelines and hydrants
Mariposa Pines Water Company	Sounding Tube Installation Tank 1 Replacement Hazardous Tree and Brush Removal from Right-of-ways and Improvements Install Power and Telephone Lines (for internet) to Water Tanks

MID OUTSIDE PLACE OF USE METERED PROPERTIES
2017

	Account #	Customer	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17
1	5004	DOSCHER	0	0	0	0	0	0	0	0	2	5			
2	5009	DOSCHER (BOAT STOR)	4	6	4	6	4	8	6	7	7	6			
3	5057	COBARRUBIA	5	320	11	7	10	4	26	3	38	6			
4	5188	PARSONS	0	0	0	0	0	2	0	0	0	0			
5	100771	HILLS	X	x	x	x	x	x	X	x	x	x			
6	102094	CARPENTER / ERICKSON	4	4	4	5	3	18	24	17	9	6			
7	5444	ELEM. SCHOOL	26	33	4	73	26	49	81	80	171	171			
8	5470	SHEPHERD/ NICHLOS	15	20	18	17	16	17	13	73	19	16			
9	5477	(AT&T)	1	0	1	1	0	1	0	1	2	1			
10	5481	C.D.F.	7	3	8	8	8	12	19	16	23	32			
11	101328	HALL	6	5	5	7	6	17	20	41	35	22			
12	5695	OLIVER	5	7	4	10	10	19	9	17	8	8			
13	101662	ROSEMIRE	12	11	10	12	9	48	39	44	48	45			
14	5754	ARTMAN	4	5	4	7	5	13	17	25	28	28			
15	5908	CLARK	1	0	1	3	0	2	3	3	1	3			
16	5910	DANIELSEN	4	4	3	6	4	9	11	11	11	10			
17	5927	PARELSKIN	6	6	5	8	6	8	6	8	7	8			
18	100237	HENDERSON	11	11	11	12	13	18	24	26	29	22			
19	5980	LAWSON	5	5	4	7	5	27	51	64	61	54			
20	101770	LAWSON (RENTAL)	4	4	7	3	2	2	1	4	1	3			
21	101815	BOWDEN	13	16	10	8	8	54	23	83	25	23			
22	6026	PONZO	0	0	0	0	0	0	0	0	0	0			
23	101143	MARTIN	X	x	x	x	x	x	X	x	x	x			
24	101333	KELLER	0	0	0	0	0	0	0	0	0	0			
25	102085	DUMAS / NAUMANN	7	8	8	9	9	11	15	10	11	11			
26	6238	ROSS	5	5	4	4	3	4	7	5	4	10			
27	6245	ROSS	5	0	3	11	5	28	44	52	58	51			
28	100687	Bozsik / WHITE	15	13	12	15	17	23	35	36	32	30			
29	101072	*KENNER	15	9	12	11	12	13	11	0	15	11			
30	6259	*STONE	5	3	3	5	4	9	15	60	27	13			
31	100872	BURLARLEY	12	10	9	11	12	15	13	13	13	13			
32	100181	RAYHER	13	12	11	14	11	24	22	20	19	13			
33	101248	WALKER	101	0	0	0	136	41	12	0	0	0			
34	101803	KELLER	0	0	0	0	0	0	0	0	0	0			
35	100473	D P WASTE WTR	3	23	43	19	45	23	42	21	31	25			
	TOTAL UNITS	TOTAL UNITS (CCF)	314	543	219	0	389	519	589	740	735	646	0	0	0
	ACRE FEET	TOTAL ACRE FEET	0.721	1.247	0.503	0.000	0.893	1.191	1.352	1.699	1.687	1.483	0.000	0.000	0.000

Groundwater Pumped September 2017 - 1.89 AF

REGIONAL WATER USE EFFICIENCY PROGRAM
REBATES PAID SEPTEMBER 2017

ADDRESS	REBATE TYPE	MODEL	# OF UNITS	DATE OF PURCHASED	DATE OF INSTALLATION	AMOUNT	REBATE PAID	WATER CO/WELL
4878 LEONARD RD. SPC 4 MARIPOSA, CA 95338	HE-DISHWASHER	WHIRPOOL WDF520PADB7	1	11/27/16	12/09/16	\$ 200.00	5-Oct	PRIVATE WELL
4641 BRIDGEPORT DR. MARIPOSA, CA 95338	HE-CLOTHES WASHER	SAMSUNG WF42H5200	1	07/03/16	7/23/2016	\$ 200.00	5-Oct	PRIVATE WELL
6435 MOUNT OPHIR RD. MARIPOSA, CA 95338	HE-DISHWASHER	KITCHEN AID KDFE 104DSS3	1	11/05/16	11/11/2016	\$ 200.00	5-Oct	PRIVATE WELL
5640 HARRIS CUT OFF RD. MARIPOSA, CA 95338	HE-CLOTHES WASHER	WHIRPOOL WFW75HEFW	1	08/15/17	8/18/2017	\$ 200.00	5-Oct	LOT 55 PONDEROSA BASIN MUTUAL WATER CO.
5821 WEST WITHLOCK RD. MARIPOSA, CA 95338	HE-CLOTHES WASHER	WHIRPOOL WTW8040DW	1	01/03/17	1/10/2017	\$ 200.00	5-Oct	PRIVATE WELL
5821 WEST WITHLOCK RD. MARIPOSA, CA 95338	HE-TOILET	GLACIER BAY N2410EB	2	07/07/17 1/3/2017	07/29/17 1/10/2017	\$ 89.00	5-Oct	PRIVATE WELL
4266 BICKEYE CREEK RD. MARIPOSA, CA 95338	HE-CLOTHES WASHER	MAYTAG MVWX655DW1	1	06/27/17		\$ 200.00	5-Oct	PRIVATE WELL
077 SMITH RD. MARIPOSA, CA 95338	HE-TOILET	STEALTH	1	05/22/17	6/1/2017	\$ 149.00	5-Oct	MPUD ACCT # 0811
5461 COLORADO RD. MIDPINES, CA 95345	HE-CLOTHES WASHER	MAYTAG MHW5500FW	1	05/30/17	8/1/2017	\$ 200.00	5-Oct	PRIVATE WELL
3546 HOMESTEAD RD. MARIPOSA, CA 95338	HE-CLOTHES WASHER	SAMSUNG WF42H5000AW	1	11/07/16	11/12/2016	\$ 200.00	5-Oct	PRIVATE WELL

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ADDRESS	REBATE TYPE	MODEL	# OF UNITS	DATE OF PURCHASED	DATE OF INSTALLATION	AMOUNT	REBATE PAID	WATER CO/WELL
9573 LORENZO ST. LA GRANGE, CA 95329	RAIN BARREL		1	01/30/16	1/30/2016	\$ 50.00	5-Oct	LDPCSD #100403
5810 YOSEMITE FALL MARIPOSA, CA 95338	HE-CLOTHES WASHER	KENMORE 25132	1	03/31/17	3/31/2017	\$ 200.00	5-Oct	PRIVATE WELL
4876 USONA RD. MARIPOSA, CA 95338	HE-CLOTHES WASHER	KENMORE 110.2513*410	1	09/22/15	9/22/2015	\$ 200.00	5-Oct	
4876 USONA RD. MARIPOSA, CA 95338	HE-DISHWASHER	WHIRPOOL WDF320PADW3	1	12/29/16	1/2/2017	\$ 200.00	5-Oct	
4732 RIDGE TOP RD. MARIPOSA, CA 95338	HE-RAIN BARREL		1	04/02/15	4/20/2015	\$ 350.00	5-Oct	PRIVATE WELL
P.O. BOX 1053, MARIPOSA, CA 95338	HE-CLOTHES WASHER	KENMORE 110.2513*410	1	08/29/17	8/30/2017	\$ 200.00	5-Oct	MPUD #0215
5750 GLACIER POINT MARIPOSA, CA 95338	HE-DISHWASHER	WHIRPOOL WDT50SAHZ	1	08/28/17	9/15/2017	\$ 200.00	5-Oct	PRIVATE WELL
5077 SMITH RD. MARIPOSA, CA 95338	HE-TOILET	NIAGRA STEALTH 722291770002	1	08/29/17	8/31/2017	\$ 149.00	5-Oct	MPUD ACCT # 0811
4620 CERRO SIERRA DR. COULTERVILLE, CA 95311	HE-CLOTHES WASHER	GE GFWN1600JIWW	1	05/07/17		\$ 200.00	5-Oct	PRIVATE WELL
9447 ZARZO WAY LA GRANGE, CA 95329	HE-TOILET	KOHLER CAVATA 1.6	1	10/30/15	10/30/2015	\$ 199.00	5-Oct	LAKE DPCSD #005049-000

REGIONAL WATER USE EFFICIENCY PROGRAM
REBATES PAID SEPTEMBER 2017


ADDRESS	REBATE TYPE	MODEL	# OF UNITS	DATE OF PURCHASED	DATE OF INSTALLATION	AMOUNT	REBATE PAID	WATER CO/WELL
9447 ZARZO WAY LA GRANGE, CA 95329	RAIN BARREL	GOOD IDEAS RW50-OAK	1	03/16/15	3/20/2015	\$ 50.00	5-Oct	LAKE DPCSD #005049-000
2363 SHOSHONE RD. MARIPOSA, CA 95338	HE-CLOTHES WASHER	KENMORE 28132MK	1	09/24/16	9/30/2016	\$ 200.00	5-Oct	PONDEROSA BASIN WATER CO. #295
2510 ZARZAMORA ST. LA GRANGE, CA 95328	HE-DISHWASHER	BOSCH SHE3ARF2UC	1	07/09/16	7/15/2016	\$ 200.00	5-Oct	LAKEDON PEDRO CSD # 101488-000
3873 BENHUR RD. MARIPOSA, CA 95338	HE-DISHWASHER	BOSCH SHPM78W55N	1	07/07/17	7/23/2017	\$ 200.00	5-Oct	PRIVATE WELL
3873 BENHUR RD. MARIPOSA, CA 95338	HE-CLOTHES WASHER	SAMSUNG WF50K7500AW	1	06/28/17	7/23/2017	\$ 200.00	5-Oct	PRIVATE WELL
5973 W. WHITLOCK RD. MARIPOSA, CA 95338	HE-TOILET	KHOLER K-5298-0	2	09/07/17	9/17/2017	\$ 400.00	5-Oct	PRIVATE WELL
5315 YOSEMITE OAKS DR. MARIPOSA, CA 95338	HE-CLOTHES WASHER	ELECTROLUX EFLS517STT	1	11/30/16	12/29/2016	\$ 200.00	5-Oct	PRIVATE WELL
4279 GRIST RD. MARIPOSA, CA 95338	HE-CLOTHES WASHER	KENMORE 4126	1	02/17/17	2/19/2017	\$ 200.00	5-Oct	PRIVATE WELL
10488 HWY 49 COUNTERVILLE, CA	HE-DISHWASHER	FRIGIDAIRE LFID2422RF4B	1	04/19/17	4/19/2017	\$ 200.00	5-Oct	PRIVATE WELL
9496 LORENZO ST. LA GRANGE, CA 95329	HE-DISHWASHER	BOSCH SHP65T55UC/02	1	04/19/16	4/29/2016	\$ 200.00	5-Oct	LDP CSD #005118-000

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REBATES PAID SEPTEMBER 2017

ADDRESS	REBATE TYPE	MODEL	# OF UNITS	DATE OF PURCHASED	DATE OF INSTALLATION	AMOUNT	REBATE PAID	WATER CO/WELL
5641 DARRAH RD. MARIPOSA, CA 95338	HE-CLOTHES WASHER	ELECTROLUX EFLS517SIW	1	02/25/17	3/10/2017	\$ 200.00	5-Oct	
4904 STUMPFIELD MTN. RD. MARIPOSA, CA 95338	HE-CLOTHES WASHER	MAYTAG MVWX655D	1	08/12/17	8/12	\$ 200.00	5-Oct	PRIVATE WELL
4980 PONDEROSA WAY MIDPINES, CA 95345	HE-DISHWASHER	MAYTAG MBD494950M3	1	11/28/16	12/18/2016	\$ 200.00	5-Oct	PRIVATE WELL
P.O.BOX 314 COULTERVILLE, CA 95311	HE-CLOTHES WASHER	GE GTW460ASJWW	1	05/30/17	06/02/17	\$ 200.00	5-Oct	MARIPOSA COUNTY PUBLIC #10000084
3908 BEN HUR RD. MARIPOSA, CA 95338	HE-CLOTHES WASHER	LG LG4T7200C	1	07/25/17	8/2/2017	\$ 200.00	5-Oct	PRIVATE WELL
2561 MOUNTAIN WAY MARIPOSA, CA 95338	HE-CLOTHES WASHER	KENMORE 41162	1	07/20/15	7/24/2015	\$ 200.00	5-Oct	PRIVATE WELL
5865 SHERLOCK RD. MIDPINES, CA 95345	HE-TOILET	AMERICAN STANDARD 288CA.114.020	1	09/10/17	9/30/2017	\$ 180.21	5-Oct	PRIVATE WELL
3280 CLAVEL WAY. COULTERVILLE, CA 95311	HE-CLOTHES WASHER	SPEED QUEEN AWNE82SP	1	09/02/17	9/3/2017	\$ 200.00	5-Oct	LAKE DON PEDRO CSD # 008952-000
3280 CLAVEL WAY. COULTERVILLE, CA 95311	HE-DISHWASHER	MAYTAG MDB4949SDH	1	04/27/15	4/27/2015	\$ 200.00	5-Oct	LAKE DON PEDRO CSD # 008952-000
4348 MADRESELVA ST. LA GRANGE, CA 95329	HE-CLOTHES WASHER	KENMORE 4126	1	07/16/17	7/16/2017	\$ 200.00	5-Oct	LAKE DON PEDRO CSD # 005811-000

REGIONAL WATER USE EFFICIENCY PROGRAM
REBATES PAID SEPTEMBER 2017

ADDRESS	REBATE TYPE	MODEL	# OF UNITS	DATE OF PURCHASED	DATE OF INSTALLATION	AMOUNT	REBATE PAID	WATER CO/WELL
6295 GREELEY HILL RD. COULTERVILLE, CA 95311	HE-CLOTHES WASHER	ELECTROLUX EFLS617STT	1	05/31/17	5/31/2017	\$ 200.00	5-Oct	PRIVATE WELL
6295 GREELEY HILL RD. COULTERVILLE, CA 95311	HE-DISHWASHER	BOSCH SHE55R56UC	1	06/26/17	8/5/2017	\$ 200.00	5-Oct	PRIVATE WELL
10455 CASTANO WAY COULTERVILLE, CA 95311	HE-DISHWASHER	GE GDT6955MJES	1	11/14/16	11/15/2016	\$ 200.00	5-Oct	LAKE DON PEDRO CSD # 008688
						\$ 8,416.21		

OUT LAY REPORT AND REQUEST FOR REIMBURSEMENT									
Draw Request Number:	Lake Don Pedro Community Services District			Wells 3, 4, and 5					
	9751 Merced Falls Road, LaGrange, CA 95329			Payment Requested					
#1	Initial Budget	Current Budget	SDWBL Previous Paid to Date	USDA #1	Paid to Date		Balance Remaining	%	
<i>Misc. Soft Costs</i>									
Test wells3, 4, 5									
Planning / Engineering / Environmental	226,500.00	226,500.00	18,726.67	152,252.68	170,979.35		55,520.65	24.51%	
Const Management / Inspec / Proj closeout	37,500.00	37,500.00	10,000.00	17,835.83	27,835.83		9,664.17	25.77%	
Construction	402,000.00	402,000.00	171,153.44	143,240.24	314,393.68		87,606.32	21.79%	
contingency	34,825.00	34,825.00	-	-	-		34,825.00	100.00%	
Wells 2 and Medina Well									
Planning / Engineering / Environmental	457,350.00	457,350.00					457,350.00	100.00%	
Const Management / Inspec / Proj closeout	55,000.00	55,000.00					55,000.00	100.00%	
Construction (test hole drilling, well drilling)	478,000.00	478,000.00					478,000.00	100.00%	
contingency	137,360.00	137,360.00					137,360.00		
Contingency as a Percent of Total	9.00%	9.00%							
Total	1,828,535.00	1,828,535.00	199,880.11	313,328.75	513,208.86		1,315,326.14	71.93%	
PROJECT FUNDING BREAKDOWN									
Applicant contribution - Wells 2 / Medina W	289,435.00	289,435.00					289,435.00	100.00%	
USDA Grant - Const Well 5 / test wells 3&4	500,000.00	500,000.00		313,328.75	313,328.75		186,671.25	37.33%	
Dep of Water Resour (Bond Law) wells 3,4,5	200,825.00	200,825.00	199,880.11		199,880.11		944.89	0.47%	
Dep of Water Resour (DERP) well 2	200,000.00	200,000.00					200,000.00	100.00%	
Dep of Water Resour (Bond Law) well 2	82,500.00	82,500.00					82,500.00	100.00%	
SWRCB - well 2	181,500.00	181,500.00					181,500.00	100.00%	
SWRCB - Medina Well	257,600.00	257,600.00					257,600.00	100.00%	
Dep of Water Resour (Bond Law) Medina Well	116,675.00	116,675.00					116,675.00	100.00%	
Total	1,828,535.00	1,828,535.00	199,880.11	313,328.75	513,208.86		1,315,326.14	71.93%	
FUNDING - DIFFERENCE									
Date of Outlay Report									
APPROVAL AND SIGNATURE SECTION									
OWNER'S APPROVAL:									
		OWNER CERTIFICATION: I certify that to the best of my knowledge and belief the billed costs or disbursements are in accordance with the terms of the project and that the reimbursement represents the Federal share due which has not been previously requested and that an inspection has been performed and all work is in accordance with the terms of the award.							
Genral Manager or Board President	DATE								
ENGINEER/ARCHITECT APPROVAL:									
		Invoices will be approved by the borrower and their engineer, as appropriate, and submitted to the processing office for concurrence. The review and acceptance of project costs, including construction pay estimates, by USDA Rural Development does not attest to the correctness of the amounts, the quantities shown or that the work has been performed under the terms of the agreements or contracts.							
Engineer Name	DATE								
USDA RURAL DEVELOPMENT CONCURRENCE:									
		Notes:							
José E. Guardado	DATE								

LAKE DON PEDRO COMMUNITY SERVICES DISTRICT
Water Audit

Water Distribution System:

	Date (mo/dy/yr)	Plant Eff Meter Reading (ccf)	(A) Plant Eff Meter Corrected (ccf)	Central Tank Level (feet)	(B) Central Tank Volume (cu. ft.)	Enebro Tank Level (feet)	(C) Enebro Tank Volume (cu. ft.)	Alamo Tank Level (feet)	(D) Alamo Tank Volume (cu. ft.)	Coronado Tank Level (feet)	(E) Coronado Tank Volume (cu. ft.)	Lazo Tank Level (feet)	(F) Lazo Tank Volume (cu. ft.)	Aroblada Tank Level (feet)	(G) Arbolada Tank Volume (cu. ft.)	Sturtevant Tank Level (feet)	(H) Sturtevant Tank Volume (cu. ft.)	Customer Meters Total Readings (ccf)	(I) Customer Meters Corrected (ccf)				
Current	08/29/17	156,111.00	156,111.00	18	152,908	37.00	31,646.05	17.00	65,423.67	23.00	50,742.22	22.00	12,596.22	21.00	46,329.85	25.00	55,154.59	22,085.00	22,085.00				
Last:	07/27/17	128,470.00	128,470.00	27.00	229,361	38.00	32,501.35	17.00	65,423.67	25.00	55,154.59	21.00	12,023.66	26.00	57,360.77	23.00	50,742.22	20,963.00	20,963.00				
Difference:			27,641.00	-9.00	-76,453.80	-1.00	-855.30	0.00	0.00	-2.00	-4,412.37	1.00	572.56	-5.00	-11,030.92	2.00	4,412.37		1,122.00				
Other metered and unmetered uses (J):																							
Item			**Method Measured	Quantity (ccf)																			
Fire fighting																							
Other hydrant usage																							
Main flushing																							
Bulk water sales																							
Repaired leaks																							
Water quality testing																							
Tank drainage or overflow																							
Other:																							
Other:																							
Other:																							
Other:																							
Total (ccf): (G)				0																			
Totals for Zone:																							
Flows into System (A):				27,641.00		(ccf)																	
Change in Storage (B+C+D+E+F+G+H)				-877.67		(ccf)																	
Flows Out of Zone (I+J):				22,085		(ccf)																	
Real and Apparent Water Loss:			6,434 CCF =			14.77 AC-FT			for period:			07/27/17 through			08/29/17			System Loss, %			23%		

LAKE DON PEDRO COMMUNITY SERVICES DISTRICT
Water Audit

Water Distribution System:

	Date (mo/dy/yr)	Plant Eff Meter Reading (ccf)	(A) Plant Eff Meter Corrected (ccf)	Central Tank Level (feet)	(B) Central Tank Volume (cu. ft.)	Enebro Tank Level (feet)	(C) Enebro Tank Volume (cu. ft.)	Alamo Tank Level (feet)	(D) Alamo Tank Volume (cu. ft.)	Coronado Tank Level (feet)	(E) Coronado Tank Volume (cu. ft.)	Lazo Tank Level (feet)	(F) Lazo Tank Volume (cu. ft.)	Aroblada Tank Level (feet)	(G) Arbolada Tank Volume (cu. ft.)	Sturtevant Tank Level (feet)	(H) Sturtevant Tank Volume (cu. ft.)	Customer Meters Total Readings (ccf)	(I) Customer Meters Corrected (ccf)
Current	09/28/17	180,685	180,685	24	203,877	38.00	32,501.35	15.00	57,726.77	26.00	57,360.77	17.00	9,733.44	19.00	41,917.49	22.00	48,536.04	18,323	18,323
Last:	08/29/17	156,111	156,111	18.00	152,908	37.00	31,646.05	17.00	65,423.67	23.00	50,742.22	22.00	12,596.22	21.00	46,329.85	25.00	55,154.59	22,085	15,327
Difference:			24,574	6.00	50,969.20	1.00	855.30	-2.00	-7,696.90	3.00	6,618.55	-5.00	-2,862.78	-2.00	-4,412.37	-3.00	-6,618.55		2,996
Other metered and unmetered uses (J):																			
Item			**Method Measured	Quantity (ccf)															
Fire fighting																			
Other hydrant usage																			
Main flushing																			
Bulk water sales																			
Repaired leaks																			
Water quality testing																			
Tank drainage or overflow																			
Other:																			
Other:																			
Other:																			
Other:																			
Total (ccf): (G)				0															
Totals for Zone:																			
Flows into System (A):				24,574.00		(ccf)													
Change in Storage (B+C+D+E+F+G+H)				368.52		(ccf)													
Flows Out of Zone (I+J):				18,323		(ccf)													
Real and Apparent Water Loss:		5,882 CCF =		13.50 AC-FT		for period:		08/29/17 through		09/28/17		System Loss, %		24%					

LAKE DON PEDRO COMMUNITY SERVICES DISTRICT

Treasurer's Report

Reporting Period: September 2017

The district ended the month of September 2017 with the following balances in our accounts:

* All bank accounts verified against bank statements

Restricted:		
Investment - LAIF	\$ 164,111	
Total Restricted:		<u>\$ 164,111</u>
Unrestricted:		
Checking	\$ 107,502	
Money Market - Working Capital	\$ 335,937	
Petty Cash	<u>\$ 125</u>	
Total Unrestricted:		<u>\$ 443,564</u>
Total Restricted & Unrestricted:		<u>\$ 607,675</u>

The district ended September 2017 with the following amounts affecting our financial status:

	Sep-2017	Year to Date
Sales & Business Revenue:	\$ 132,236	\$ 410,981
Total Operating Expenses:	\$ (82,533)	\$ (257,940)
Non-Operating Income/Expense:	\$ (13,328)	\$ (39,260)
Water Drought Income/Expense:	\$ (212)	\$ (47,164)
Change in Net Assets (P&L):	\$ 36,163	\$ 66,617
Net Cash Flow:	\$ 37,917	\$ (165,479)

Accounts Receivable:

Billing Time Frame	Utility Billing	Availability Billing	A/R Other	A/R Accrue	A/R Water IRWMP Reimb
Current	\$ 38,916	\$ -	\$ 110	\$ 115,824	\$ -
> 30 Days	\$ 255	\$ -	\$ -	\$ -	\$ -
> 60 Days	\$ 14,547	\$ 187,128	\$ -	\$ -	\$ -
> 90 Days	\$ 92	\$ -	\$ -	\$ -	\$ -
> 120 Days	\$ 3,696	\$ -	\$ 5,241	\$ -	\$ -
Credits	\$ (11,649)				
Total	\$ 45,857	\$ 187,128	\$ 5,351	\$ 115,824	\$ -
Total Combined	\$ 348,809		\$ 5,351		\$ -
G/L Balance	\$ 348,809		\$ 5,351		\$ -
Difference	\$ -		\$ -		\$ -

* Amount of availability payments received: \$0

* Amount of availability payments outstanding: \$187,128

Accounts Payables:

Payable Time Frame	A/P Trade	A/P Accruals	A/P Water Accrual
Current	\$ 19,758	\$ -	\$ 8,769
> 30 Days	\$ -	\$ -	\$ 7,646
> 60 Days	\$ -	\$ -	\$ 7,945
> 90 Days	\$ -	\$ -	\$ -
Credits	\$ -	\$ -	\$ -
Total	\$ 19,758	\$ -	\$ 24,360
G/L Balance	\$ 19,758	\$ -	\$ 24,360
Difference	\$0	\$0	\$0

“ I certify that the District investments have been made in accordance with the Investment Policy. I further certify that the District has adequate revenue to cover its operating expenses for the next six months, in accordance with California Government Code Sections 53646 (b) (2) and (3) respectively”.

Name	Title	Date
------	-------	------

Statement of Revenues and Expenses (P&L)
September 2017 & Year-To-Date Versus 6/30/18 Approved Final Budget

		Sep-17	September vs Budget %	2017-2018 YTD	YTD vs Budget %	2017-2018 Approved Final Budget	Remaining Budget
Revenue							
01-0-3010-301	Meter Reconnection Fee	50	#DIV/0!	150	#DIV/0!	-	(150)
01-0-3010-302	Donated Capital - Meters Curre	-	#DIV/0!	5,000	#DIV/0!	-	(5,000)
01-0-4010-400	Water Sales Residential	36,652	13.81%	122,000	45.96%	265,457	143,457
01-0-4010-402	Water Availability Revenue	15,594	8.32%	46,782	24.96%	187,443	140,661
01-0-4010-403	Water Service Charges	79,240	8.36%	237,742	25.10%	947,359	709,617
01-0-4020-410	Interest Income - LAIF	-	0.00%	377	29.67%	1,271	894
01-0-4020-413	Int Inc Penalties - Customer	2,618	11.01%	6,750	28.38%	23,781	17,031
01-0-4020-414	Transfer Fee Income	700	10.79%	2,200	33.90%	6,489	4,289
01-0-4020-415	Other Income	485	14.61%	1,508	45.44%	3,319	1,811
01-0-4020-416	Meter Set Fee	-	0.00%	500	6.11%	8,190	7,690
01-0-4020-417	Interest Income Guaranty Fed	-	0.00%	-	0.00%	11	11
01-0-4020-901	Hydrant Rental	-	0.00%	-	0.00%	101	101
01-0-4020-902	Hydrant Consumption	-	0.00%	-	0.00%	62	62
01-0-4020-999	Avail Fee Income	-	0.00%	1,607	87.79%	1,830	224
01-0-4040-100	Lease Fee	900	4.17%	5,700	26.39%	21,600	15,900
01-0-4050-575	Office Fire Reimbursement	-	0.00%	-	0.00%	32,000	32,000
TBD	Connection/Capacity Fees					30,000	
TBD	Transfer From Reserve					-	
TOTAL REVENUE		136,239	8.91%	430,316	28.15%	1,528,914	1,098,598
Expenses							
01-1-5010-100	Regular Pay - Plant	3,239	2.18%	15,577	10.48%	148,660	133,083
01-1-5010-101	Overtime Pay	941	6.25%	3,066	20.39%	15,040	11,974
01-1-5010-102	Sick Pay	138	2.49%	464	8.38%	5,543	5,079
01-1-5010-104	Vacation Pay	138	1.84%	977	13.03%	7,498	6,521
01-1-5010-105	Holiday Pay	159	2.42%	159	2.42%	6,568	6,409
01-1-5010-200	PERS	398	4.12%	1,571	16.25%	9,665	8,094
01-1-5010-201	FICA/Medicare	356	2.67%	1,572	11.76%	13,367	11,795
01-1-5010-202	SUI	-	0.00%	-	0.00%	1,810	1,810
01-1-5010-203	Health Insurance	5,991	12.63%	20,513	43.26%	47,419	26,906
01-1-5010-204	Workers Compensation	445	8.30%	1,414	26.36%	5,364	3,950
01-1-5010-206	Dental Insurance	911	#DIV/0!	1,038	#DIV/0!	-	(1,038)
01-1-5010-207	Vision Care	-	#DIV/0!	-	#DIV/0!	-	-
01-1-5010-546	Travel, Meetings & Mileage	-	0.00%	-	0.00%	1,000	1,000
01-1-5020-501	Lease Of Equipment	-	#DIV/0!	-	#DIV/0!	-	-
01-1-5020-510	Repair & Maintenance - Plant	51	0.28%	376	2.09%	18,000	17,624
01-1-5020-511	Repair & Maintenance - Vehicle	2,276	18.35%	2,829	22.81%	12,404	9,575
01-1-5020-512	Repair & Maintenance - Distribution	413	1.07%	10,705	27.88%	38,397	27,692
01-1-5020-515	R&M Transmission - Intake	-	0.00%	-	0.00%	23,030	23,030
01-1-5020-520	Small Tools & Equipment	-	0.00%	563	28.16%	2,000	1,437
01-1-5020-522	Gas, Oil & Lubricant - Plant	1,121	10.40%	3,625	33.61%	10,784	7,159
01-1-5020-524	Health & Safety	-	0.00%	500	8.54%	5,852	5,352
01-1-5020-529	Telephone - T & D	545	8.25%	1,627	24.62%	6,606	4,979
01-1-5020-544	Water Testing Fees	1,385	7.29%	2,785	14.66%	18,999	16,214
01-1-5020-545	Water System Fees	-	0.00%	-	0.00%	4,903	4,903
01-1-5020-548	Water Testing Materials	-	0.00%	1,140	57.00%	2,000	860
01-1-5021-521	Water Treatment Chemicals	-	0.00%	13,616	25.64%	53,106	39,490
01-1-5021-524	P G & E Power - Office	278	8.74%	896	28.22%	3,175	2,279
01-1-5021-525	P G & E Power - Intake	7,537	10.18%	21,100	28.49%	74,073	52,973
01-1-5021-526	P G & E Power - Well	22	0.74%	68	2.27%	3,000	2,932
01-1-5021-527	P G & E Power - Water Treatment	3,286	12.03%	9,341	34.19%	27,317	17,976
01-1-5021-528	P G & E Power - Distribution	4,181	16.49%	12,011	47.36%	25,360	13,349
01-1-5021-529	P G & E Power - Well 2	1,834	61.12%	5,883	196.11%	3,000	(2,883)
01-1-5021-530	P G & E Power - Medina	26	0.88%	89	2.95%	3,000	2,911
01-1-5021-532	P G & E Power - Well 5/6	26	0.88%	89	2.95%	3,000	2,911
01-1-5021-561	Purchased Water Actual-mid-p	8,770	14.07%	24,960	40.04%	62,332	37,372
01-1-5023-533	Outside Services	127	1.79%	690	9.77%	7,065	6,375
01-1-5023-535	Fire Protection/Weed Control	-	0.00%	-	0.00%	2,500	2,500
01-1-5023-537	Pest Control	32	7.94%	64	15.88%	403	339
01-1-5023-538	Engineering Services	-	0.00%	-	0.00%	24,561	24,561

		September vs	2017-2018	YTD vs	2017-2018 Approved	Remaining	
		Sep-17	Budget %	YTD	Budget %	Final Budget	Budget
01-1-5023-539	Employee Education	-	0.00%	120	5.98%	2,000	1,880
01-1-5024-540	Memberships		0.00%	264	63.94%	413	149
01-1-5024-542	Publications	-	0.00%	490	860.04%	57	(433)
01-1-5024-543	Licenses, Permits & Cert.	-	0.00%	-	0.00%	616	616
01-1-5032-583	Depreciation Expense	13,395	7.84%	41,079	24.04%	170,855	129,776
01-2-6010-100	Regular Pay - Administration	6,889	7.72%	20,018	22.43%	89,262	69,244
01-2-6010-101	Overtime Pay	-	0.00%	878	23.77%	3,692	2,814
01-2-6010-102	Sick Pay	279	4.76%	2,658	45.30%	5,867	3,209
01-2-6010-104	Vacation Pay	444	6.94%	2,208	34.54%	6,394	4,186
01-2-6010-105	Holiday Pay	296	6.95%	296	6.95%	4,263	3,967
01-2-6010-200	PERS	476	8.22%	1,558	26.87%	5,797	4,239
01-2-6010-201	FICA/Medicare	580	7.39%	1,820	23.19%	7,851	6,031
01-2-6010-202	SUI	92	7.54%	217	17.80%	1,218	1,001
01-2-6010-203	Health Insurance	1,853	8.38%	5,560	25.15%	22,106	16,546
01-2-6010-204	Workers Compensation	48	9.02%	144	27.07%	531	387
01-2-6010-206	Dental Insurance	158	7.89%	317	15.77%	2,007	1,690
01-2-6010-207	Vision Care	-	#DIV/0!	-	#DIV/0!	-	-
01-2-6010-546	Travel, Meetings & Mileage	-	0.00%	-	0.00%	1,200	1,200
01-2-6020-512	Propane	66	9.39%	66	9.39%	703	637
01-2-6020-515	Customer Billing Supplies	-	0.00%	929	50.15%	1,852	923
01-2-6020-529	Telephone - Admin	305	7.88%	917	23.70%	3,868	2,951
01-2-6020-530	Office Supplies	113	4.34%	505	19.46%	2,595	2,090
01-2-6020-531	Postage	464	6.49%	3,049	42.67%	7,147	4,098
01-2-6023-531	Computer IT	5,944	18.94%	10,494	33.43%	31,390	20,896
01-2-6023-533	Outside Services	16,132	14.57%	33,633	30.37%	110,734	77,101
01-2-6023-534	Temporary Outside Labor	-	0.00%	-	0.00%	3,000	3,000
01-2-6023-535	Office Cleaning Serv	140	7.72%	420	23.16%	1,814	1,394
01-2-6023-536	Legal Services	-	0.00%	557	8.31%	6,702	6,145
01-2-6023-537	Audit Services	-	0.00%	-	0.00%	8,820	8,820
01-2-6023-539	Employee Education	-	0.00%	-	0.00%	1,237	1,237
01-2-6024-540	Memberships	200	3.17%	600	9.51%	6,310	5,710
01-2-6024-542	Publications	-	0.00%	645	46.56%	1,386	740
01-2-6024-547	County Fees	-	0.00%	-	0.00%	638	638
01-2-6024-999	County Avail Fee	-	0.00%	-	0.00%	1,840	1,840
01-3-6025-100	Regular Pay	400	6.35%	1,300	20.63%	6,300	5,000
01-3-6025-201	FICA/Medicare	31	6.36%	99	20.65%	482	382
01-3-6025-546	Travel, Meetings & Mileage	-	0.00%	-	0.00%	2,000	2,000
01-9-6030-546	Travel, Meetings & Mileage	-	0.00%	-	0.00%	1,600	1,600
01-9-6030-569	Credit Card Service Charges	514	9.59%	1,424	26.59%	5,357	3,932
01-9-6030-572	Business Insurance Expense	2,482	6.12%	7,447	18.37%	40,529	33,082
01-9-6030-576	Misc Other Expense	21	0.40%	60	1.14%	5,300	5,240
01-9-6030-577	Retired Employee Health	2,138	8.53%	6,415	25.59%	25,063	18,648
01-9-6030-580	Retired EE Benefit Expense	-	0.00%	-	0.00%	148,142	148,142
01-9-6031-580	Interest Long Term Debt	1,760	3.63%	10,989	22.66%	48,505	37,515
01-9-6032-583	Depreciation Expense	17	0.69%	53	2.11%	2,500	2,447
01-9-6035-575	Office Fire Recovery	-	#DIV/0!	-	#DIV/0!	-	-
TOTAL EXPENSES		99,864	6.67%	316,535	21.15%	1,496,738	1,180,203

		Sep-17	September vs Budget %	2017-2018 YTD	YTD vs Budget %	2017-2018 Approved Final Budget	Remaining Budget
CAPITAL IMPROVEMENT PROJECTS (IN PROGRESS)							
01-1-5020-535	Water Supply Emergency 2014	-	#DIV/0!	-	#DIV/0!	-	-
01-9-6030-584	Well 2	-	#DIV/0!	64	#DIV/0!	-	(64)
01-9-6030-585	Medina Well	-	0.00%	64	0.13%	50,000	49,936
01-9-6030-586	Well 3/4	-	#DIV/0!	-	#DIV/0!	-	-
01-9-6030-587	Well 5	170	0.34%	361	0.72%	50,000	49,639
01-9-6030-588	Well 6	-	#DIV/0!	-	#DIV/0!	-	-
01-0-1090-315	Intake Booster #2 Installation	-	0.00%	114,495	152.66%	75,000	(39,495)
01-0-1090-314	CIP-Barge Renovation	-	0.00%	-	0.00%	30,000	30,000
TBD	Springbrook Update	-	0.00%	-	0.00%	30,000	30,000
01-0-1090-305	Ranchito Well #1 Renovation	-	0.00%	-	0.00%	10,000	10,000
01-9-6030-591	IRWMP Service Lines	-	0.00%	35,828	5.92%	605,249	569,421
01-9-6030-592	IRWMP Administrative Expenses	43	0.21%	43	0.21%	20,000	19,958
01-9-6030-593	IRWMP Water Use Efficiency	-	0.00%	10,805	6.56%	164,635	153,830
TOTAL CIP IN PROGRESS		213	0.02%	161,658	15.62%	1,034,884	873,226
CARRYOVER PROJECT (GRANT) REVENUE							
TBD	USDA Grant					310,000	
TBD	DWR Grant					86,520	
01-0-4020-425	IRWMP Service Line Replacement	-	0.00%	-	0.00%	574,987	574,987
01-0-4020-427	IRWMP Regional Water Use Efficiency	-	0.00%	-	0.00%	156,403	156,403
01-0-4020-426	IRWMP Grant Administration	-	0.00%	-	0.00%	20,000	20,000
TOTAL CARRYOVER PROJECT REVENUE		-	0.00%	-	0.00%	1,147,910	1,147,910
NEW CAPITAL PURCHASES / IMPROVEMENTS							
TBD	Replacement Truck (2003 Chevy)		0.00%		0.00%	32,000	32,000
TBD	Replacement Truck (2005 Chevy)		0.00%		0.00%	40,000	40,000
TBD	Tablets for System Maintenance		0.00%		0.00%	5,000	5,000
TBD	Effluent Meter Replacement (Plant)		0.00%		0.00%	40,000	40,000
TBD	Replacement Flocculator Gear Drives		0.00%		0.00%	12,000	12,000
TBD	Hormiga Water Line Replacement		0.00%		0.00%	60,000	60,000
TBD	Portable Generator		0.00%		0.00%	6,000	6,000
TOTAL NEW CAPITAL PURCHASES/IMPROVEMENTS		-	0.00%	-	0.00%	195,000	195,000
PROJECT PLANNING, DESIGN AND STUDIES							
TBD	CIP Development					40,000	40,000
TBD	Connection Fee Study					15,000	15,000
TBD	Grant Application Services					30,000	30,000
TBD	District Map Digitizing and Updates					15,000	15,000
TBD	Planning Study re Lake McClure					50,000	50,000
TOTAL PLANNING, DESIGN AND STUDIES		-	0.00%	-	0.00%	150,000	150,000

LDPCSD Financials**Asset :**

Cash and investments
 Restricted cash
 Accts Receivable net of res
 Water Drought Receivable
 Inventory
 Prpd expense & deposits
 Deferred Outflow of Resources

**Statement of Net Assets (Balance Sheet)
 for the month ending September 2017**

	\$	607,675
	\$	-
	\$	213,906
	\$	-
	\$	69,931
	\$	37,931
	\$	7,580
Total current assets	\$	937,023

Property, plant & equipment
 less depreciation
 C I P

	\$	10,215,040
	\$	(6,869,564)
	\$	1,128,039
Net P P & E	\$	4,473,515

Other L T Assets

Total Assets	\$	5,410,538
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Liabilites:

Accounts payable
 Interest payable
 Water Accrual
 Accrued Payroll
 A/P Accrued Payables
 L T debt, current

	\$	19,758
	\$	1,760
	\$	24,360
	\$	44,490
	\$	2,913
	\$	77,587
Total current liab	\$	170,868

L T debt

Post Retirement Benefit
 Net Pension Liability
 Deferred Inflow of Resources
 Muni Loan
 less current above

	\$	932,016
	\$	119,464
	\$	44,882
	\$	855,913
	\$	(77,587)
Total Liabilites	\$	2,045,556

Net assets

	\$	3,364,982
Total liab & net ass't	\$	5,410,538

<u>Vendor</u>	<u>Check Amount</u>
000012 AQUA LAB	1,385.00
0000231 Bonander Buick-GMC	2,275.90
000047 LAWSON & SON BACKHOE & GRADIN	1,825.00
000065 KKI CORPORATION	1,579.50
000067 GENERAL PLUMBING SUPPLY CO., I	2,351.26
000076 USPS	455.76
000091 VALERO MARKETING & SUPPLY	1,021.22
000105 PACIFIC GAS & ELECTRIC	15,488.40
000115 MARIPOSA COUNTY AUDITOR	2,230.00
0001157 Sierra Instant Printing	490.22
000118 D & D PEST CONTROL *	32.00
000136 AT&T	429.11
000165 ACWA/JPIA	9,982.19
000196 AQUA SIERRA CONTROLS, INC	51.25
000203 GRISWOLD, LaSALLE, COBB, DOWD	192.00
0002321 STREAMLINE	200.00
000263 Brenntag	964.28
0003221 KAMPA COMMUNITY SOLUTIONS LLC	6,250.00
0003360 Backyard Spa & Pool Essentials	400.83
000550 LUIS'S HOUSEKEEPING / YARDS	140.00
000564 TOTAL WASTE SYSTEMS MARIPOSA	126.72
000606 BARRY ELECTRIC	330.00
000635 Contractor Compliance And Monitoring Inc	212.50
00071 Mother Lode Answering Service	260.00
000746 Mariposa Co. Resource Conservation Distr	7,420.91
0028330 Core & Main LP	869.86
004779 California CAD Solutions	7,450.00
660108 VERIZON WIRELESS	160.70
702 Warmerdam CPA Group	2,432.00
UB*10546 MR/MRS ROBERT FERGUSON	1,178.64
UB*10547 MS STEELE	167.96
UB*10548 MR/MRS JON MARTIN	85.36
UB*10549 MARK SMITH	132.34
UB*10550 DANIEL AYALA ET/AL	180.56
UB*10551 STEVEN & LESSA TAYLOR	77.30
UB*10552 CODY CHEW, ET/AL	91.00
UB*10553 SELENE FINANCE	163.30

Report Total: 69,083.07

Regular Meeting Minutes of the Board of Directors

9751 Merced Falls Road
September 18th, 2017 at 1:00 p.m.

1. **CALL TO ORDER:** Presiding Officer: Establish Quorum, Pledge of Allegiance:
Presiding Officer: Establish Quorum, Pledge of Allegiance:
The Board of Directors of the Lake Don Pedro Community Services District held a special meeting at 9751 Merced Falls Rd., La Grange, CA 95329.
President Hankemeier called the meeting to order at 1:03 p.m.
Directors present: Ross, Hankemeier, Sult, and Warren
Directors absent: Johnson
Also present: IGM P. Kampa
Also present: Staff S. Marchesiello

2. **PUBLIC COMMENT:**
One public member spoke

3. **PRESENTATION ONLY:**

- a. Presiding Officer's Report
None given at this time
- b. General Manager's Report: Peter J. Kampa
Presented by GM P. Kampa

4. **APPROVAL OF CONSENT AGENDA:** The following items may all be approved in one motion or considered separately as determined appropriate by the President
 - a. Read and file the August 2017 Treasurer's Report
 - b. Approval of the Minutes of the Regular Board Meeting August 21st, 2017

Motion: To approve the consent calendar

Votes: Carried 4-0

First: Ross **Second: Sult**

Ayes: Ross, Hankemeier, Ross, Warren

Nays: None

Absent: Johnson

5. **DISCUSSION AND ACTION ITEMS**

- a. Adoption of a resolution authorizing the General Manager to sign and submit a funding agreement and any amendments thereto for funding under the Safe Drinking Water Bond Law Program; and authorizing the District Engineer to approve requests for partial payment, sign the budget and expenditure summary and the certification of project completion

Motion: To approve the recommended motion to adopt the resolution approving authorizing the General Manager to sign and submit a funding agreement and any amendments thereto for funding under the Safe Drinking Water Bond Law Program; and authorizing the District Engineer to approve requests for partial payment, sign the budget and expenditure summary and the certification of project completion

Votes: Carried 4-0

First: Sult **Second: Ross**

Ayes: Sult, Ross, Warren, and, Hankemeier

Nays: None

Absent: Johnson

- b. Presentation on the completed digital mapping services provided by California Cad Solutions covering the District boundaries, MID Place of Use and Parcels

This item was removed from the agenda due to not having internet access to show the presentation and will be put on a future agenda. The board allowed and received public comment on the item.

- c. Adoption of a resolution approving agreement with California Cad Solutions, Inc. for data hosting services

This item was removed from the agenda and will be put on a future agenda. The board allowed and received public comment on the item.

- d. Adoption of a resolution approving agreement with Utility Services Associates for water service line leak detection services throughout the system

Motion: To approve the recommended motion to adopt the resolution approving agreement with Utility Services Associates for water service line leak detection services throughout the system

Votes: Carried 4-0

First: Warren **Second: Sult**

Ayes: Warren, Sult, Hankemeier, and Ross

Nays: None

Absent: Johnson

- e. Adoption of a Resolution approving agreement with Contractors Compliance Monitoring for labor compliance work required under the existing DWR Integrated Regional Water Management Grant

Motion: To approve the recommended motion to adopt the resolution approving agreement with Contractors Compliance Monitoring for labor compliance work required under the existing DWR Integrated Regional Water Management Grant and adding the proposed change on the 4th whereas on the resolution to read Contractor Compliance Monitoring is a professional firm in the business of monitoring labor compliance and has submitted a services proposal not to exceed \$5,000.00 which meets the needs of the District and which is attached hereto as Exhibit A.

Votes: Carried 4-0

First: Sult **Second: Warren**

Ayes: Sult, Warren, Hankemeier, and Ross

Nays: None

Absent: Johnson

Lake Don Pedro Community Services District

Regular Meeting of October 16, 2017

AGENDA SUPPORTING DATA

5. DISCUSSION AND ACTION ITEMS

- a. Discussion and action related to a Notice of Violation issued by the State Water Resources Control Board, Division of Water Rights regarding complaint against the District, Water Right A016186

Recommended Action

Board discussion and direction to staff is needed

Background

As discussed earlier in 2017, a complaint was filed against the District alleging violation of the conditions of the MID Water Right License 11395. Attached as part of this agenda item is the Notice of Violation issued by the State Water Resources Control Board (SWRCB). As detailed in the Notice, the complaint alleged violation of the water right license, and fraud in requesting relief from the instream flow requirements during the drought.

Following investigation, the SWRCB staff has alleged that the District did violate the license in 2013 and 2014, and that there was no evidence of fraud identified. The SWRCB requires that within 90 days, we provide:

- (1) A map which provides overlays of all of the following: the license POU, the LDPCSD boundaries, and all parcels served with water by the LDPCSD;
- (2) Monthly accounting of groundwater diverted and water served outside the License 11395 POU for 2016; and
- (3) A compliance plan.

Staff has been, and will continue to work to complete the above, and recommends Board direction and support on the following.

System Drawing Updates and Digitization

We have recently digitized (created overlays) of the District Boundaries, MID POU boundary, sphere of influence and parcels. This new map and drawing system will be reviewed in this meeting agenda items b and c. The digital map also includes the location of the majority of our water mains.

We have secured a proposal from California Cad Solutions to perform additional updates to both our maps and water system drawings to include all data necessary to produce digital map overlays as required in item 1 above. With this investment, our system drawings and maps will be fully updated and digitally functional as detailed in Elizabeth Binkley's memo regarding the data hosting and drawing update services included in agenda item 5c. These improvements

and the hosting service will reduce staff time and effort significantly, increasing productivity and efficiency. A proposed budget amendment increasing the line item for drawing and map updates from \$15,000 to \$35,000 will allow for completion of all work necessary to place a lid on the POU/District mapping issue now, and into the future. Funding can be provided by deferral of the projects and purchases shown in the attached budget sheet.

Monthly POU Accounting for 2016

This information is readily available to complete and submit this report. No additional expense is necessary.

Compliance Plan Development

To achieve compliance with the license requirements on an ongoing, regular basis, with a degree of added contingency to ensure that the groundwater supply exceeds the amount of water used by customers outside the place of use, the following compliance items should be planned and documented through the Board:

1. Direct the District Engineer to provide an evaluation of the amount of groundwater (non-Lake McClure water) currently available for allocation to customers outside the MID Place of Use. This evaluation was last completed when only the Ranchito Well #1 was online
2. Document in the Compliance Plan the amount of the groundwater dedicated to allocation outside the Place of Use for compliance with License 11395
3. Determine how much groundwater supply is available for future allocation for regular domestic use outside the POU, if any. Each of the wells will be operated continuously, on a monthly rotating basis or as suggested by the District Engineer. Since it is likely that two wells will need to be run simultaneously during the summer for compliance, the amount of water produced on a monthly basis will exceed the water consumed by customers outside the POU. The District Engineer will calculate that amount potentially available for commitment OPU.
4. Document the OPU supply and demand monitoring and reporting policy and policy on supply for new development OPU
5. Determine if additional, alternate (non-McClure) water supply is necessary to meet future OPU demand

Related policy items to be determined in the future, not related to compliance are:

1. Should the OPU customers pay a different fee to reflect the lower water cost and higher administrative costs of regular water service?
2. Should the connection fee for parcels located OPU reflect capacity costs for both the surface water and groundwater pumping systems?
3. When water conservation restrictions are implemented due to low lake levels, does this also apply to those who cannot use the surface water OPU?

Staff has requested that District Engineer Brinkley prepare the report for item 1 above, which will be available for the November Board agenda.

State Water Resources Control Board

SEP 28 2017

CERTIFIED MAIL

Peter Kampa, General Manager
Lake Don Pedro Community Services District
9751 Merced Falls Rd
La Grange, CA 95329

CERTIFIED NO: 7004 2510 0003 0144 1766

Dear Mr. Kampa,

NOTICE OF VIOLATION REGARDING COMPLAINT AGAINST LAKE DON PEDRO COMMUNITY SERVICES DISTRICT, WATER RIGHT A016186, MARIPOSA AND TUOLUMNE COUNTIES

The State Water Resources Control Board (State Water Board), Division of Water Rights (Division) received a complaint on February 22, 2016 against the Lake Don Pedro Community Services District (LDPCSD). The complaint alleges that LDPCSD, operating under License 11395 (A016186) held by the Merced Irrigation District (MID), is operating in violation of the license and committing fraud.

Division staff completed an investigation into the allegations. The attached Report of Investigation includes Division staff's analysis, conclusions, and recommendations as they pertain to the use of water under water right License 11395 and the allegation of fraud. LDPCSD has likely been serving water outside the Place of Use (POU) without compensating with an equal or greater amount of groundwater extraction on a monthly basis, which is in violation of MID's License 11395. This does appear to have been problematic in 2013 and 2014. This issue is further described in the attached report. The allegation of fraud is not supported by any of the information obtained by the Division.

The Division has concluded its investigation into the complaint against LDPCSD and determined that LDPCSD violated the Place of Use term of License 11395. Please note that the State Water Board can initiate further enforcement action at its discretion without further notice. Therefore, you should take all necessary actions to ensure that your diversion is authorized or cease unauthorized diversions until you can do so.

SEP 28 2017

Consequently, within 90 days of your receipt of this letter, you are requested to provide to the Division:

- (1) A map which provides overlays of all of the following: the license POU, the LDPCSD boundaries, and all parcels served with water by the LDPCSD;
- (2) Monthly accounting of groundwater diverted and water served outside the License 11395 POU for 2016; and
- (3) A compliance plan.

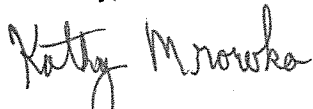
Division staff further recommends that a compliance review is completed in one year.

Thank you for your cooperation and prompt response to the complaint. If you have any questions, please contact Natalie Stork by telephone at (916) 322-8425 or via email at Natalie.Stork@waterboards.ca.gov. Additionally, written correspondence should be addressed as follows:

State Water Resources Control Board
Division of Water Rights
Attn: Natalie Stork
P.O. Box 2000
Sacramento, CA 95812-2000

A copy of this letter and Report of Investigation will be provided to the complainant.

Sincerely,



Kathy Mrowka, Manager
Enforcement Staff
Division of Water Rights

Enclosures: Report of Investigation and Map

CC: Merced Irrigation District
PO Box 2288
Merced, CA 95344-0288

TO: Application File A016186

FROM: Natalie Stork
Engineering Geologist
Enforcement Unit 3
Division of Water Rights

DATE: September 26, 2017

SUBJECT: REPORT OF INVESTIGATION

1. COMPLAINT

The State Water Resources Control Board (State Water Board), Division of Water Rights (Division) received a complaint on February 22, 2016 via email against the Lake Don Pedro Community Services District (LDPCSD). The complaint alleges that LDPCSD, operating under license 11395 (A016186) held by the Merced Irrigation District (MID), is operating in violation of the license and committing fraud. The complaint alleges that LDPCSD is providing water to customers outside the place of use (POU) designated on the license and using several wells as an alternative source of water. The complaint says that use of wells is in conflict with an Order Approving Temporary Urgency Change dated May 12, 2015. The complaint cites pages 7 of the Order, "Currently LDPCSD does not have an alternative source of water." The complainant subsequently submitted CalEPA complaint 46350 on April 4, 2016.

2. BACKGROUND

The LDPCSD serves water to the community of Lake Don Pedro, which is located between Lake Don Pedro and Lake McClure and includes properties in both Tuolumne and Mariposa counties. The LDPCSD is served with water diverted under MID's License 11395, issued in 1983. Water is diverted for LDPCSD from Lake McClure, which is formed by the Exchequer Dam on the Merced River.

2.1 Place of Use Issues

A review of Division records indicates that issues with the POU on MID's License 11395 corresponding to the LDPCSD area began in the 1970's and were discussed by correspondence in 1999 and 2000. By letter dated August 18, 1999, MID requested an administrative change to expand the boundaries of its service area under the license. MID claimed that the boundaries should have included parcels, outside of the designated POU, served with water as early as 1973. However, according to MID, these areas were not included in the POU due to MID not submitting a revised map between 1978 and licensing. Division staff produced a memo dated February 23, 2000. The memo indicates that the POU for License 11395 includes "domestic use at homesites with the service area of Sierra Highlands Water Company." The Sierra Highlands Water Company is the predecessor of LDPCSD. The memo concludes that the licensed POU purposefully did not include the areas "reserving water for future use", as shown on the June 20, 1977 map.

MID was informed of the Division's findings by letter dated March 21, 2000, and the Division advised MID that a change petition was needed to fix the discrepancy in the POU. After subsequent correspondence, MID stated by letter dated December 19, 2000 that LDPCSD is not using water

Approved
9/26/17
WJ

diverted under the MID license outside the POU. Additionally, the letter states, "We believe the use of supplemental supply by the LDPCSD and the associated reporting to Merced by the LDPCSD avoids the need for Merced to file a petition for change pursuant to its water rights."

2.2 Water Supply Issues

LDPCSD experienced severe supply issues in 2015 due to the ongoing drought. Diversions undertaken for the LDPCSD are subject to minimum pool requirements and minimum flow releases to protect public trust resources. MID submitted a Temporary Urgency Change Petition (TUCP) in 2014, which was granted, to relax minimum pool and minimum flow requirements. In 2015, MID submitted and received another TUCP, in part to provide water needed for the health and safety of residents in the LDPCSD. Additionally, LDPCSD declared drought emergencies in 2014¹ and 2015² implementing conservation measures. LDPCSD Resolution 2015-15, signed March 9, 2015, implemented a mandatory water conservation requirement of 50% in response to ongoing drought conditions.

LDPCSD has used groundwater as supplemental water sources since the Ranchito Well was constructed in 1992³. The LDPCSD implemented an emergency well drilling project in 2015 to increase water supply for the community, which was mostly paid for with state and federal grants⁴. However, wells drilled in this region are not highly productive. Successful wells tap a fractured bedrock aquifer, and it's not possible to predict if a well will tap enough interconnected fractures to produce economic quantities of water. A notice produced by the LDPCSD⁵ indicated that 11 test wells were drilled by August 2015, and only a few of these wells produced water of sufficient quantity and quality. By the start of 2016, LDPCSD had four wells (three recently constructed) providing 100% of the community supply, which was quantified at 355 gallons per minute (gpm)⁶. According to the LDPCSD website, this groundwater supply was crucial to being in compliance with State and Federal requirements after the TUCP expired after December 31, 2015⁷.

3. INVESTIGATION

On April 19, 2016, Division staff spoke with Peter Kampa, General Manager of the LDPCSD, by phone. Mr. Kampa indicated that there has been some confusion over the license POU. He said that, to the best of his knowledge, all water served outside of the POU was compensated by groundwater extractions. LDPCSD staff subsequently submitted two Microsoft Excel files on April 19 and 20, 2016 accounting for groundwater extractions and water served outside the POU, as well as the Pumping Test Summary Report for the LDPCSD Emergency Supply Well Drilling Program⁸. Division staff requested further information regarding use outside of the POU and received information from Mr. Kampa on October 15, 2016.

¹ Resolution No. 2014-2, February 18, 2014

² Resolution No. 2015-15, March 9, 2015

³ Special Board Meeting Packet September 17, 2015 p. 61

⁴ Special Board Meeting Packet September 17, 2015 p. 62; LDPOA presentation for January 13, 2016 special meeting

⁵ The Fifth Well accessed at <http://www.ldpcsd.org/> on April 20, 2016.

⁶ Special Board Meeting Packet September 17, 2015 p. 61, Board Packet January 21, 2016, p. 39

⁷ <http://www.ldpcsd.org/project-updates> accessed October 17, 2016

⁸ The Source Group, 2015

Division staff reviewed the LDPCSD website for further information regarding place of use issues and supplemental groundwater supply. Documents downloaded include the April 18, 2016 General Managers Report⁹, which includes Frequently Asked Questions Related to Water Supply.

Division staff obtained maps of the LDPCSD from Division files and from the LDPCSD website. The website¹⁰ has a side by side display of the 2012 LDPCSD boundaries and the June 20, 1977 map (revised June 15, 1978) submitted to the Division as part of the licensing process, cited in the 1999-2000 correspondence. Division staff used these two maps to create layers in ArcMap delineating each boundary for comparison.

4. ANALYSIS AND DISCUSSION

4.1 Reported water service outside the POU

Review of the information submitted by LDPCSD indicates that reported groundwater extractions did not compensate for reported water served outside of the place of use for several months in 2013 and 2014. The spreadsheets indicated that 34 parcels were served outside of the POU as defined by LDPCSD from 2013 to 2015, and 35 parcels outside the POU were served in 2016. Prior to 2015, groundwater extractions were reported as less than water served outside the POU for 8 months: April, May, August, and November 2013, and January, March, May and September 2014. In 2015, all reported monthly groundwater extractions exceeded water served outside the POU. For 2013 to 2015, the annual total amounts of groundwater extracted exceed the total amounts of water served outside of the POU.

While the annual reported amounts of groundwater extracted compensate for water served outside the POU¹¹, monthly amounts do not. At least a monthly balance (if not more frequently) must be maintained in order to be in compliance with the water right license. Therefore, if water is served outside of the POU that is not compensated by groundwater on a monthly basis, there is a violation of the water right license.

To evaluate the violation, reasonable measurement error must be taken into account. Title 23, Division 3, Section 933 (d) indicates that acceptable accuracy for measuring devices used to measure the diversion of water is 15% for devices installed or replaced before January 1, 2016. While this regulation pertains to measurement of water diverted, stored, or withdrawn for storage, the required accuracy is appropriate for evaluating potential measurement error at the wellhead or household meter. When the potential error is applied to

MONTH	VIOLATION (AF)
Apr-13	0.04 - 0.82
May-13	0 - 1.21
Jul-13	0 - 1.15
Aug-13	0 - 1.29
Nov-13	0.04 - 0.77
Jan-14	0.32 - 0.85
Mar-14	0.25 - 0.75
May-14	0.89 - 1.98
Jun-14	0 - 0.15
Sep-14	0.57 - 1.89

Table 1. Water supplied outside License 11395 POU

⁹ <http://www.ldpcsd.org/2016-04-18-board-of-directors-regular-meeting> accessed October 30, 2016

¹⁰ <http://www.ldpcsd.org/district-boundaries> accessed October 17, 2016

¹¹ The General Manager states in the in the Frequently Asked Questions Related to Water Supply document that the supplementary groundwater supply allows LDPCSD to maintain compliance under MID's license. He states that, "MID is only required by the SWRCB to report water diverted from the lake on an annual basis," implying that Lake Don Pedro only needs to balance groundwater extractions and outside-POU use on an annual basis. However, this statement and the assumption are incorrect. Monthly diversions are reported to the Division once per annum, and groundwater extractions must balance outside-POU use on an instantaneous basis to maintain compliance.

all of the reported values, the number of months with possible violations increases to 10. All of these months were in 2013 and 2014. Table 1 shows the range of possible violation amounts per month when potential measurement error of 15% is applied to well water pumped and to water served outside the POU.

No violations were found October 2015 through December 2015 since monthly groundwater extractions were typically higher in 2015 than in 2013 and 2014. Three new wells were constructed in 2015, increasing the recommended groundwater system yield from 75 gpm for the Ranchito Well to 355 gpm¹² for all four wells¹³. An increase in groundwater pumping is seen in December, 2015, although full reliance on the wells did not begin until the TUCP expired after December 31, 2015¹⁴. The average system demand was 309 gpm in 2015.¹⁵

While no violations occurred in 2015 and no violations are expected in 2016, future violations are threatened. Resolution No. 2016-xxx, adopted May 16, 2016¹⁶ states,

WHEREAS, the District's current water supply is only derived from the emergency wells, which are in various stages of construction, with additional construction work required to be completed as quickly as possible to allow for continuous temporary use of the new wells as the sole water supply of the District when Lake McClure once again drops below the District pumps;

Use of the wells as the sole community supply is only intended to be temporary. If the wells are only used minimally and outside-POU issues are not resolved, violations are likely to occur in the future.

4.2 Place of Use Boundaries

Information in the Frequently Asked Questions Related to Water Supply document indicates that LDPCSD is unsure of its POU boundaries for License 11395. In the document, the General Manager states the following:

MID likely used a map provided by Sierra Highlands to establish the initial application to the state. We may be able to request a copy of this documentation for our records. The boundary as approved by the state in the beginning of the agreement was likely inconsistent with the service area as we know it today. (p. 5)

Additionally, under Question 11, the General Manager refers to the MID POU map when stating, "We have not found this map in our records, but it should be available at the SWRCB". However, the June 20, 1977 Map (revised June 15, 1978) on which the license POU is delineated is presented on the LDPCSD website, as mentioned above. The map shows the boundaries of "areas of domestic water use" and "areas reserving water for future use". Information found in Division files, discussed above, indicates that the POU boundaries are the boundaries for "areas of domestic water use" which agrees

¹² This is the equivalent of 48 AF per month if all wells are pumped continuously.

¹³ The Source Group, 2015

¹⁴ Draft Resolution No. 2016-____, accessed at <http://www.ldpcsd.org/2016-01-21-special-meeting> on October 19, 2016

¹⁵ Lake Don Pedro Water Supply Status Update, January 13, 2016, accessed at <http://www.ldpcsd.org/2016-01-13-special-meeting> on April 15, 2016

¹⁶ Accessed at <http://www.ldpcsd.org/2016-05-16-board-of-directors-regular-meeting> on October 20, 2016

with the POU language in the license. Therefore, LDPCSD does have a copy of the map in question. Additionally, the water system map included in the Frequently Asked Questions Related to Water Supply title page has lightly delineated boundaries that are in close agreement with POU boundaries, where visible.

Division staff reviewed several boundary sets and determined that none of the current LDPCSD boundary sets match the original Sierra Highland Water Company boundaries which are the designated POU for the license. Boundaries reviewed include (1) license POU, (2) LDPCSD¹⁷, (3) Sphere of Influence¹⁸, and (4) "Parcels outside the current LDPCSD boundary but within the Sphere of Influence"¹⁹. Division staff produced a map (see Figure 1) with these boundary sets in ArcMAP by either locating available data in the Division database or by creating new shapefiles using parcel maps as a basemap and adding boundary lines from hard copy maps. The LDPCSD boundaries are well outside the POU boundaries in several locations. Additionally, Division staff obtained the Assessor's Parcel Numbers for the parcels identified as "Outside Place of Use" by LDPCSD and created a shapefile with these parcels, which LDPCSD reportedly serves with water. The parcels overlapped with all four boundary sets, and some parcels were within the license POU

The Division cannot determine what LDPCSD is using as their POU boundary since there is no consistent agreement between any boundary sets. Since Figure 1 shows that some of the reported "Outside Place of Use" water service is actually within the POU, the violations in table 1 could be overestimated. However, since all of the non-POU boundary sets include land outside the POU, and since several homes are visible on this land outside the POU, this overlay indicates LDPCSD has likely been serving water outside the place of use without accounting for it or fully compensating with groundwater pumping in violation of MID's license. Actual violations could be greater than those in Table 1 if LDPCSD has been serving customers outside of the POU on the assumption that these customers were within the POU. Division staff would need to evaluate water use at each parcel within LDPCSD to determine the actual amount of the violation.

4.3 Allegation of Fraud

The Division has not found any information to substantiate the allegation of fraud. The 2015 TUCP submitted by MID indicates that LDPCSD did not have an alternate source of water. The Division has not found any information indicating that this assertion was false. At the time the TUCP was submitted, the only domestic supply well was the Ranchito Well. As explained above, the Ranchito Well has a recommended yield of 75 gpm, and system demand was 309 gpm in 2015. The Ranchito Well was not capable of providing enough water for the health and safety of the community on its own. Therefore, the statement in the TUCP is valid.

5. CONCLUSIONS

LDPCSD has likely been serving water outside the POU without compensating with an equal or greater amount of groundwater extraction on a monthly basis, which is in violation of MID's License 11395. Some of the reported "Outside Place of Use" water service may actually be within the POU, and it is

¹⁷ Source: Department of Water Resources Public Water System shapefile in Division of Water Rights database

¹⁸ Source: <http://www.ldpcsd.org/district-boundaries> accessed October 17, 2016

¹⁹ Source: <http://www.ldpcsd.org/district-boundaries> accessed October 17, 2016

unclear how many parcels outside of the POU are served with water under MID's license since LDPCSD has indicated that they are unsure of their boundaries. Violations are estimated in Table 1. The allegation of fraud is not supported by any of the information obtained by the Division.

6. RECOMMENDATIONS

Division staff recommends that MID and LDPCSD submit the following for Division review:

- (1) A map which provides overlays of all of the following: the license POU, the LDPCSD boundaries, and all parcels served with water by the LDPCSD;
- (2) Monthly accounting of groundwater diverted and water served outside the License 11395 POU by LDPCSD for 2016; and
- (3) A compliance plan.

Division staff further recommends that a compliance review is completed in one year.

Lake Don Pedro Community Services District

Regular Meeting of October 16, 2017

AGENDA SUPPORTING DATA

5. DISCUSSION AND ACTION ITEMS

- b. Presentation on the completed digital mapping services provided by California Cad Solutions covering the District boundaries, MID Place of Use and Parcels

Recommended Action

No specific action is recommended on this item; presentation only

Background

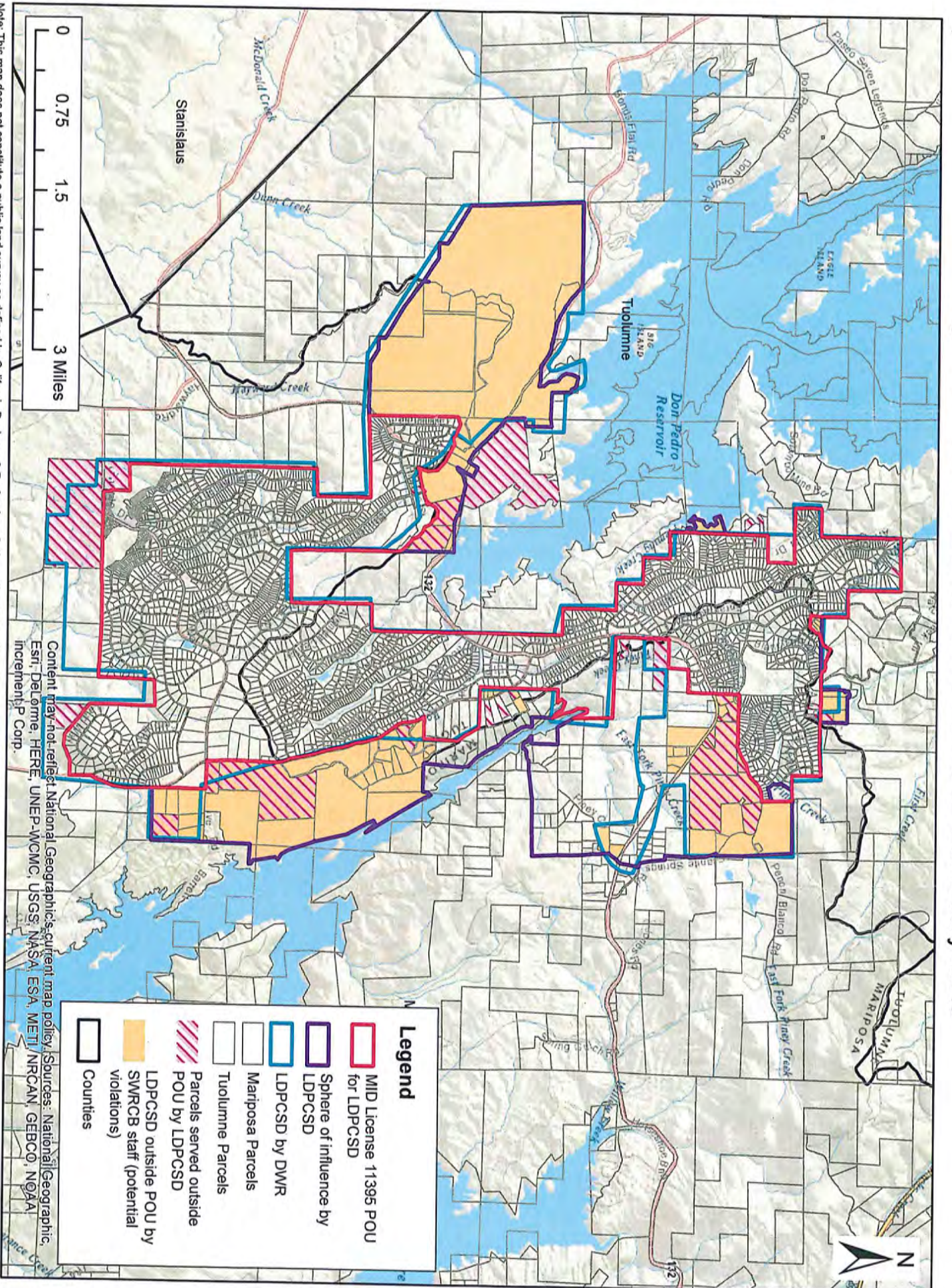
The Board has directed management to hire a qualified consulting firm to confirm and update the various district maps used daily in decision making. To complete the map update project, the consultant, California Cad Solutions (CCS):

- 1) Contacted Mariposa and Tuolumne Counties to receive the most recent version of the digital version of the District boundary and sphere of influence maps
- 2) Contacted Merced Irrigation District to receive the most recent version of the MID (Lake McClure Water Supply) Place of Use map. The MID engineering consultant provides the necessary digital files to CCS
- 3) Requested infrastructure digital files from the District. These files had been created by District staff but appear to have been lost in the office fire. Portions of the data were available from Binkley, and we are evaluating options to complete this important segment of the work.
- 4) Contracted with ParcelQuest to receive updated digital information on all parcels within the District.

Each of the above maps are contained in separate digital files, which are then opened and can be printed, viewed and updated using a Computer Aided Design (CAD) software. The only updates to be performed will be to add items to the water system drawings such as when services are replaced, meters are added, or when properties change ownership, for example.

District staff is not trained in CAD programs and the District does not own the needed software, although limited function free versions are available but training would be required to even access the maps. CCS has rearranged work priorities to enter our information into their managed database, for viewing on their data service platform. Staff will provide a presentation of the maps to the Board and public at this meeting.

Figure 1 - Lake Don Pedro POU and CSD Boundary Sets



Note: This map does not constitute a public land survey as defined by California Business & Professions Code section 8726. It has been prepared for descriptive purposes only.



**California
CAD
Solutions**



P.O. Box 4779
Modesto, CA 95352
209-578-5580
www.calcad.com

Quote

Date	Quote #
9/25/2017	605477

Bill To
Lake Don Pedro CSD 9751 Merced Falls Rd. La Grange, CA 95329

Ship To
Lake Don Pedro CSD 9751 Merced Falls Rd. La Grange, CA 95329

Terms	Sales Rep	Expires
Net 15	Ortiz	

Item	Description	Qty	Cost	Total
Service	<p>Create and digital version the District Map using 27 PDF map pages of existing District infrastructure maps.</p> <p>Existing electronic version of the District Water lines will be updated and modified with the following information:</p> <p>Valves Hydrants Meters</p> <p>Add Pipe Diameter and Material information from notes on pages to all pipes</p> <p>Include Account Number information, Note Active and Removed meters, PSI information on service connections</p> <p>Add abandoned lines</p>		20,250.00	20,250.00

Accepted By _____

Subtotal	\$20,250.00
Sales Tax (0.0%)	\$0.00
Total	\$20,250.00

Lake Don Pedro Community Services District
Approved Final 2017-18 Fiscal Year Budget

	2017-18 Approved Preliminary Budget	2017-18 Approved Final Budget	
NEW CAPITAL PURCHASES/IMPROVEMENT PROJECTS			
Replacement Truck (2003 Chevy)	32,000	32,000	
Replacement Truck (2005 Chevy)	40,000	40,000	Delay
Tablets for System Maintenance (field computers)	0	5,000	
Effluent Meter Replacement (Plant)	40,000	40,000	
Replacement Flocculator Gear Drives (3 - Plant)	12,000	12,000	
Hormiga Water Line Replacement Project	60,000	60,000	40,000
Portable Generator	6,000	6,000	
TOTAL NEW CAPITAL PURCHASES/IMPROVEMENTS	190,000	195,000	

	2017-18 Approved Preliminary Budget	2017-18 Approved Final Budget	
PROJECT PLANNING, DESIGN AND STUDIES			
CIP Development	40,000	40,000	
Connection Fee Study	15,000	15,000	Delay
Grant application services (Service Lines, Intake Renovations)	30,000	30,000	
District Map Digitizing and Upates	15,000	15,000	35,000
Planning Study re Lake McClure Pumping solutions	0	50,000	
TOTAL PLANNING, DESIGN AND STUDIES	100,000	150,000	

Lake Don Pedro Community Services District

Regular Meeting of October 16, 2017

AGENDA SUPPORTING DATA

5. DISCUSSION AND ACTION ITEMS

- c. Adoption of a resolution approving agreement with California Cad Solutions, Inc for data hosting services

Recommended Action

Staff recommends the following motion:

I move to adopt the resolution approving agreement with California Cad Solutions, Inc for data hosting services

Background

As stated in the previous agenda item, our maps are now in digital (layer) format and can be easily sent to any firm capable of printing any size map desired. We also discussed the benefits of being able to graphically present the data in the office, board room and to the public. We know that in order for District staff to view digital maps to assist with decision-making, to bring the District into the current century, and increase our efficiency and ability to publicly report in an understandable manner on issues; either a CAD program must be purchased or we must consider a web based program such as we used to view the digital maps.

Included herein is also a memo from District Engineer Binkley recommending conversion to digital mapping and data maintenance. The water system information that can be input in digital format is limitless. The digital data hosted on this system will allow the District, consultants, the Board and public to access reports about every aspect of the system, including graphic information on system leaks, service lines replaced, hydrants flushed and those scheduled in the near future, metered lots vs vacant, those paying standby assessments (availability) vs those not, and much more. A second memo from Elizabeth Binkley is also included in this agenda recommending the data service subscription for a minimum of one to two years.

To view the digital maps in layers one on top of the other, we must be able to run the maps in a CAD program. To facilitate this, there is cost for the software program and annual license fees, plus staff must be trained to operate the programs and have time to become acclimated to its use. To understand the cost, included is the quote from our IT firm to replace the software lost in the office fire. Until 2008, we had an employee trained in CAD programs and purchased/maintained the software inhouse. This staff person worked a portion of their day managing and updating the system data.

At the time of the office fire, at minimum we would have paid over \$5,500 for installation of a replacement CAD software (see attached 2013 proposal from KKI to restore software after the fire, plus an annual subscription fee of \$1,200, not including the training. When the employee was lost, subsequent employees were not trained in the software so additional work to digitize the records were not completed.

To have CCS manage the District data and provide web based access, even on mobile devices, the cost is \$1995 for the setup, which includes integrating data and developing the reports we need, and \$495 per month. No specific training is required and the user makes no modifications, so the data cannot be corrupted. All office staff and operators will be able to use the system with a simple login. There is no software or hardware to buy.

The major benefit of this hosting system is the time and cost savings on the office staff. In addition, the data that is available to management and system operators at the click of a mouse is unlimited and will increase decision accuracy, data integrity, and reduce operating cost over time. Staff currently spends 4 to 6 hours per week researching information that is immediately available with the data service, saving at minimum 4 staff hours per week.

It should also be noted that decisions made in the past using unclear, inaccurate boundary and infrastructure information has resulted in unnecessary legal and engineering costs, staff costs and negative impacts on customer service. District staff, Board and public will have at its fingertips a tool that requires no specialized software, training or experience to correctly interpret.

Binkley Associates, Inc.

CONSULTING ENGINEERS

HYDRAULICS • WATER RESOURCES • WATER AND SEWAGE FACILITIES

October 12, 2017

Pete Kampa, General Manager
Lake Don Pedro Community Services District
9751 Merced Falls Road
La Grange, CA 95329

VIA EMAIL ONLY

RE: LDPCSD Digital Mapping Project

Dear Pete:

Thank you for forwarding the demo link of the California CAD Solutions (CalCad) maps to Binkley Associates for our review. We concur with the general concept of moving forward with a digital mapping project. We are aware that a primary objective of the digital mapping project is clarifying boundaries. However, we see real potential here for digitization of all of the water infrastructure and a replacement of the existing, archaic hand drawn paper maps as a central place to track repairs, maintenance, and upgrades. Digital maps containing geospatial data including all of the above will be useful to LDPCSD in terms of accurate representation of boundaries, parcels, and infrastructure that can quickly provide needed data and be shared with other agencies and consultants.

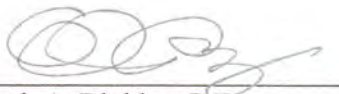
In terms of the specifics of the hosting of the maps, we have also reviewed your “data supporting agenda item 5.c.” Following are some questions and comments we have regarding the CalCad product and services which we will need answered before we can make a recommendation:

1. Who owns the work product? For example, if LDPCSD contracts with CalCad to prepare and host the maps, but some years later LDPCSD decides to do it in-house or use another contractor, will CalCad furnish the map files they’ve prepared free of charge? If not, what is the estimated fee to obtain the map files?
2. If CalCad hosts the maps for the monthly fee of \$495, how do they charge for updates? Is it time and materials in addition to the hosting fee? What are their rates?
3. If/when consultants or staff need to use the data for a study or to obtain information, and it is not one of the “standard reports and queries” CalCad originally developed, will they charge extra to prepare those reports or queries or is it included? Can any new queries/reports be generated by the user or do they all need to be done through CalCad?

4. We recommend that a topographical map layer be included and visible when zoomed in. This would be very useful, even if the only contour intervals that are available are from USGS maps.

Items 1-3, at a minimum, should all be agreed to in a contract prior to moving ahead. Please do not hesitate to call if you have any questions.

Very truly yours,
Binkley Associates, Inc.
Engineer for Lake Don Pedro Community Services District

By: 
Elizabeth A. Binkley, P.E.
Principal

cc: Syndie Marchesiello, LDPCSD via email only
Board of Directors, via Syndie Marchesiello

Binkley Associates, Inc.

CONSULTING ENGINEERS

HYDRAULICS · WATER RESOURCES · WATER AND SEWAGE FACILITIES

MEMO

To: Board of Directors, LDPCSD

Cc: Pete Kampa, Syndie Marchesiello

From: Elizabeth Binkley, P.E., Engineer for LDPCSD



Date: October 13, 2017

RE: Digital Mapping Project

Yesterday afternoon we received an email response from Raymond Kinser at California CAD Solutions (CalCad or CCS) regarding our letter to Pete Kampa on yesterday's date. With this information, we do recommend that LDPCSD pursue the CalCad hosted option and that after 1-2 years of hosting, the ongoing costs of hosting, maintaining, and updating the maps be reviewed and reevaluated. We also recommend the items below be included in the contract with CalCad.

In addition, we are reviewing three alternative proposals provided by CalCad for the level of detail of digitization of water system infrastructure and will provide our input on which we believe would be most useful for LDPCSD.

Raymond Kinser's replies are copied below in red italics:

1. Who owns the work product? For example, if LDPCSD contracts with CalCad to prepare and host the maps, but some years later LDPCSD decides to do it in-house or use another contractor, will CalCad furnish the map files they've prepared free of charge? If not, what is the estimated fee to obtain the map files?
 - a. *Any layers prepared for the District by California CAD Solutions, Inc. (CCS) are the property of the District and are available at any time to the District without fee. This does not pertain to the parcel layer which was acquired under a separate contract from ParcelQuest. All ownership questions regarding parcels will be handled under the agreement the District signed with ParcelQuest.*
2. If CalCad hosts the maps for the monthly fee of \$495, how do they charge for updates? Is it time and materials in addition to the hosting fee? What are their rates?
 - a. *Updates would be performed under District-generated task orders at a rate of \$150/hr.*
3. If/when consultants or staff need to use the data for a study or to obtain information, and it is not one of the "standard reports and queries" CalCad originally developed, will they charge extra to prepare those reports or queries or is it included? Can any new queries/reports be generated by the user or do they all need to be done through CalCad?
 - a. *Any new queries or reports will be created by CCS through District-generated task orders.*
 - b. *It should be noted that the standard queries are very flexible and allow for a wide variety of uses.*
 - c. *Further, since the site allows for downloading of report information for use in Excel, users will have the ability to do many reports in Excel that are not specifically programmed into the site.*

4. We recommend that a topographical map layer be included and visible when zoomed in. This would be very useful, even if the only contour intervals that are available are from USGS maps.
 - a. *If a USGS contour layer is requested, it can be easily added to the site for a minimal cost of data acquisition and development time. Please note that since CCS is a registered Google developer and Google background layers are an inherent part of the site, the Terrain layer is available as a background reference which gives generalized contour and topography information.*



LAKE
DON PEDRO

COMMUNITY SERVICES DISTRICT

Lake Don Pedro Community Services District “Data as a Service” Hosting Proposal

Submitted by:

Raymond Kinser, President
California CAD Solutions, Inc.

September 13, 2017



3001 Coffee Road, Suite 2
Modesto, CA 95355
(209) 578-5580 www.calcad.com

“Data as a Service” Hosting Proposal for Lake Don Pedro CSD

Publish a GIS Site with the following:

- District Area Parcels with Assessor data
 - Any fees associated the acquisition of Assessor data will be passed onto the District without markup
- Various District Boundaries
- District Water Lines
 - Assumes clean infrastructure suitable for publication
- Google Background Layer
- 12-month term license to use Cloud-based SD-Utility™ Application

Access:

- Access will be through a browser on District computers and connected Mobile devices
 - District personnel will receive login credentials to access the site

Application Setup and Localization: (Separate Fee from Monthly Subscription)

- First year service fees include setup and localization/customization of SD-Utility™ Application for the District
- Conference with District staff to determine priorities in interface localization
- Configuration of standard reports and queries to link to District databases where possible

Benefits:

- District always has system information available for employees
- Easy access to system information for contractors and outside consultants
- No hiring of additional staff required

Promotional Offer Terms:

- First month free on initial year as a CSDA membership benefit
- CCS will promote District through CSDA or CWEA Publications and other media where applicable
- District will serve as a reference account for CCS



P.O. Box 4779
 Modesto, CA 95352
 209-578-5580
 www.calcad.com

Quote

Date	Quote #
9/13/2017	605450

Bill To
Lake Don Pedro CSD 9751 Merced Falls Rd. La Grange, CA 95329

Ship To
Lake Don Pedro CSD 9751 Merced Falls Rd. La Grange, CA 95329

Terms	Sales Rep	Expires
Net 15	Ortiz	

Item	Description	Qty	Cost	Total
Service	Data as a Service Contract See Attached Document for Details	12	495.00	5,940.00
Service	Application Setup and Localization (One Time Cost) See Attached Document for Details		1,995.00	1,995.00
Service	CSDA Member Benefit Discount - Free First Month	1	-495.00	-495.00

Accepted By _____

Subtotal	\$7,440.00
Sales Tax (0.0%)	\$0.00
Total	\$7,440.00

QUOTE FROM KKI CORPORATION



KKI Corporation
5300 Claus Rd Ste #10
Modesto CA 95357-1616

2013 Software

TO: Lake Don Pedro Comm Serv Distr
 9751 Merced Falls Road
 La Grange, CA 95329

INQUIRY#: 993298-00
DATE: 02/06/13
ATTN: Syndie M. 777-9751 (c)

LINE	QTY	DESCRIPTION	PRICE	EXTEN	
1	1	GIS System- Replacment,Keys, Installation support	4,200.00	4,200.00	
2	1	HP Plotter and supplies	9,422.00	9,422.00	
3	1	GIS Interface Desktop	1,325.00	1,325.00	
4	1	Alchemy Document Management-Licenses,Svr,Scanner	12,584.35	12,584.35	
5	1	SEMS- Standardized Emergency Mngt System - est cost per Charise	14,000.00	14,000.00	
6	200	Installation services	135.00	27,000.00	
7					
8		Acceptance of Quotation			
9		Approval: KKI Corporation to proceed per the above.			
10					
11		(x)			
12		Date:			

SUBTOTAL:	68,531.35	
SALES TAX (if applicable):	5,225.52	plus
TOTAL AMOUNT QUOTED:	73,756.87	

Tax, Freight, Installation not included (unless indicated above)
 ** Installation amounts are based on regular work days M-F, 8-5
 All prices subject to change after 30 days

TERMS: 1/3 DOWN, BAL ON DELIVERY

PRICES: F.O.B. Supplier

DELIVERY:
 30-60 Days

05/18/15 15:19

KKI FAX NUMBER: (209)863-8686

PHONE#: (209)863-8550

RESOLUTION 2017 - ____

RESOLUTION OF THE BOARD OF DIRECTORS OF THE
LAKE DON PEDRO COMMUNITY SERVICES DISTRICT APPROVING AN
AGREEMENT WITH CALIFORNIA CAD SOLUTIONS FOR THE DATA-AS-A-
SERVICE PLATFORM

WHEREAS, the Lake Don Pedro Community Services District (herein referred to as District) is a local government agency formed and operating in accordance with Section §61000 et seq. of the California Government Code; and

WHEREAS, the District requires updated and accurate mapping of its infrastructure, boundaries and related geo-spatial information in a digital format at all times for efficient operations and decisionmaking; and

WHEREAS, the District has determined that contracting with a professional firm specializing in digital map preparation and online hosting (presentation) is desired and most cost efficient; and

WHEREAS, California Cad Solutions has submitted a services proposal which meets the needs of the District and which is attached hereto as Exhibit A.

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE LAKE DON PEDRO COMMUNITY SERVICES DISTRICT that the proposal and agreement with California Cad Solutions included herein as Exhibit A, shall be approved and effective immediately.

WHEREFORE, this Resolution is passed and adopted by the Board of Directors of the Lake Don Pedro Community Services District on October 16, 2017, by the following vote:

AYES:

NOES:

ABSENT:

ABSTAIN:

Danny Johnson, President, Board of Directors

ATTEST:

Syndie Marchesiello,
Secretary
CERTIFICATE
OF SECRETARY
(STATE OF
CALIFORNIA) (COUNTY
OF MARIPOSA)

I, Syndie Marchesiello, the duly appointed and Secretary of the Board of Directors of the Lake Don Pedro Community Services District, do hereby declare that the foregoing Resolution was duly passed and adopted at a Regular Meeting of the Board of Directors of the Lake Don Pedro Community Services District duly called and held at the District office at 9751 Merced Falls Road, La Grange, CA 95239, on October 16, 2017

Lake Don Pedro Community Services District

Regular Meeting of October 16, 2017

AGENDA SUPPORTING DATA

5. DISCUSSION AND ACTION ITEMS

- d. Adoption of a resolution approving agreement with Kennedy Jenks Consulting Engineers for the design and construction management of the Emergency Barge Renovation Project

Recommended Action

I move to adopt a resolution approving agreement with Kennedy Jenks Consulting Engineers for the design and construction management of the Emergency Barge Renovation Project

Background

Under the recommendation of the District Engineer, the Board has directed staff to secure an engineering proposal for evaluation, design and construction management of renovations to the emergency barge pump system. The adopted final 2017-18 Budget contains \$30,000 in funding for this project.

Please find attached the proposal received from Kennedy Jenks Consulting, who has spent dozens of hours to date reviewing the condition and structure of the existing equipment, working with the boat fabrication company, and developing this proposal. Due to the complexity of this situation and high cost, staff also requested a review of the Kennedy Jenks proposal by District Engineer Binkley; whose memo is also attached. The preliminary estimated fabrication costs are included for separate consideration under agenda item 5e.

Unfortunately, the cost for design and fabrication of the renovated barge pump system as proposed will far exceed the budgeted amount. Other options considered in the initial evaluation were:

1. Decommission the float pump and add the two pumps to the back of the barge; building the structure to support. This option was determined infeasible from an engineering, cost and operational perspective
2. Replace the failed pontoons on the float pump with new aluminum pontoons, at a cost of approximately \$30,000 to \$40,000; and reattach the float to the barge. The same operational concerns exist with the float mounted perpendicular to the barge, as well as the maintenance costs of the existing large barge motors

Staff's recommendation is to proceed with the engineering of the longest lasting, most safe and functional emergency barge pumping system, as proposed by Kennedy Jenks.

Binkley Associates, Inc.

CONSULTING ENGINEERS

HYDRAULICS · WATER RESOURCES · WATER AND SEWAGE FACILITIES

October 10, 2017

VIA EMAIL ONLY

Pete Kampa
General Manager
Lake Don Pedro Community Services District
9751 Merced Falls Road
La Grange, CA 95329

RE: Review of Kennedy Jenks Barge Proposal

Dear Pete:

Thank you for forwarding the Kennedy Jenks proposal dated October 5, 2017 for our review, and thank you for locating an engineering firm with structural capabilities to perform evaluation and design work on the barge as recommended in our letter dated January 16, 2017.

The proposal appears to be reasonable in scope and budget. We recommend moving ahead with the project immediately.


Please note that the proposal does not include coordination of servicing of the existing pumps and motors. We assume LDPCSD staff will do this work in a timely fashion, before the pumps need to be installed on the modified barge (or new platform).

In addition, note that the end of the existing HDPE pipe is submerged, so it is unlikely that it can be used for the testing. A method of connecting to the tank at high water levels will need to be developed and implemented both for testing and for use during fixed-intake emergencies. We can work with operational staff to assist with this if needed.

I recommend that I be included in conference calls and review of plans for the project on LDPCSD's behalf.

Please email if you have any questions.

Very truly yours,
Binkley Associates, Inc.
Engineer for Lake Don Pedro Community Services District

By: 
Elizabeth A. Binkley, P.E.
Principal

cc: Board of Directors, Syndie Marchesiello, via Email Only

5 October 2017

Mr. Pete Kampa
General Manager
Lake Don Pedro Community Services District
9751 Merced Falls Road
La Grange, CA 95329

Subject: Lake Don Pedro Community Services District (LDPCSD)
Barrett Cove Pump Barge Rehabilitation

Dear Mr. Kampa:

Kennedy/Jenks Consultants (Kennedy/Jenks) is pleased to provide the Lake Don Pedro Community Services District (LDPCSD) with this proposal for professional services for evaluation and rehabilitation design of the Lake McClure floating intake pump system.

Project Background

The primary water supply for the LDPCSD is provided by fixed inclined wells with submerged pumps drawing raw water from Barrett Cove at Lake McClure. The lowest intake inlet extends to approximate elevation 704 ft, with lake high water at approximate elevation 867 ft. When the lake water surface drops below elevation 704 ft, the floating intake pump system is used to pump lake water to a bolted steel water storage tank, which is then sent to the water treatment plant via booster pumps adjacent to the tank.

LDPCSD plans to also use the floating intake pump system as a redundant pump option to provide lake water pumping backup if the fixed inclined wells fail. To date, this solution has not been tested or implemented.

Previously, the floating intake pump system consisted of the orange float linked to the black barge in tandem, where the orange float supported two (2) 150 horsepower (hp) pumps and the black barge supported the flowing HDPE water line and storage racks with HDPE pipes. The previous system was problematic for several reasons, and is no longer a viable solution due to the failing condition of the orange float. A new or modified system is required for LDPCSD's water system's supply reliability and redundancy.

Scope of Work

The primary objective for this project is to ensure that the floating intake pump system is reliable. Based on preliminary discussions and brief visual evaluation of the orange float, Kennedy/Jenks believes that rehabilitation of the black barge will likely provide the best near-term solution for both low elevation lake surface water pumping, and for pumping system redundancy.

Mr. Pete Kampa
Lake Don Pedro Community Services District
5 October 2017
Page 2

The following is Kennedy/Jenk's proposed scope of work that describes how we will execute evaluation and subsequent design, bid support, and construction phases for this project

Task 1: Project Management and Administration

Project management and administration includes management of the project scope, schedule and budget, and coordination with LDPCSD and the internal Kennedy/Jenks project team. This task includes the following specific subtasks:

Task 1.1 - Project Set Up. Set up of this project includes communication of the project plan including health and safety procedures to the project team, and entering the project into Kennedy/Jenks accounting system.

Task 1.2 – Client Communication. Periodic phone calls and project update emails to keep the LDPCSD General Manager informed of the project status.

Task 1.3 – Client Meeting. One conference call to discuss the mid-project technical memorandum (TM) described below in Task 2.4, design schedule, and projected construction schedule.

Task 1.4 – Invoicing. Monthly invoicing to be submitted electronically to LDPCSD.

Task 1.5 - Quality Control. Senior Kennedy/Jenks engineers to review the technical details and project deliverables. The Project Manager will organize and ensure that there is quality control (QC) review of documents prepared by Kennedy/Jenks prior to submitting them to LDPCSD.

Task 1 Deliverables:

- Meeting agendas and notes – electronically via email
- Monthly Invoices – electronically via email

Task 2: Design and Bidding Assistance

Kennedy/Jenks will evaluate the current barge structure and design modifications that permit permanent abandonment of the orange float. While there will be decision points that may alter the final tasks to be executed, based on existing available information Kennedy/Jenks expects the following work will be required under this task:

Task 2.1 – Site Visit. Kennedy/Jenks will visit the site to visually evaluate the existing black barge, photo-document and take measurements to as-built the dimensions and main features of the barge, and discuss the viability of fabrication options with Todd Catt, the Twin Lakes Management Company's local marina boat yard superintendent.

Task 2.2 – As-Built Drawings for Existing Barge. Create electronic drawings of the existing black barge (before proposed fabrication changes) in AutoCAD 2D. Drawings will be plotted to

Mr. Pete Kampa
Lake Don Pedro Community Services District
5 October 2017
Page 3

pdf format on 8.5x11 and/or 11x17 drawing sheets. These drawings will not be complete as-builts, but provide sufficient information for initial structural analysis and floatation calculations.

Task 2.3 – Calculations for Barge Floatation and Hull Strength. Calculate the proposed floatation factor of safety and basic stresses on the existing barge hull based on proposed fabrication changes consistent with incorporating the two existing 150 hp pumps through the hull. Also included will be consideration of other modifications to the hull to remove the existing diesel engines and add an outboard motor for self-propulsion.

Task 2.4 – Summary Technical Memorandum – Rehabilitation Option vs New Barge Option. Development of a technical memorandum (TM) to compare the proposed fabrication option (intended rehabilitation on the existing barge) with the alternate consideration of a completely new floating platform to support the two 150 hp pumps, consider life cycle costs and system operations. The TM will include a preliminary recommendation. Costs will be developed by as estimated construction costs received by the boatyard and a floating platform supplier. The TM will also include the as-built drawing (Task 2.2) and floatation and hull strength calculations (Task 2.3). A draft TM will be submitted to LDPCSD for review. The TM will be finalized based on comments and decisions made during a status and review meeting conference call (Task 1.3).

Task 2.5 – Construction Drawings. Kennedy/Jenks assumes the fabrication (i.e., rehabilitation) option to be included in the Task 2.4 TM will be selected and the work under this task is based on that assumption. Create electronic drawings indicating modifications to the barge in AutoCAD 2D. Drawings will be plotted to pdf format on 8.5x11 and/or 11x17 drawing sheets. The drawings will provide sufficient information for an experienced boatyard shop to provide a hard-bid quote for the necessary construction work. It is assumed that no additional technical information will be developed for the actual construction work and that all required contract documents and requirements will be provided by LDPCSD.

Task 2.6 – Construction Work Negotiation and Letter of Recommendation to Award. Coordinate and negotiate as necessary with the contractor to receive line-item quotes for the requested construction work. Review the final construction scope of work, including fabrication quotes, rigging, coating, and miscellaneous repair items, and provide a Recommendation to Award letter to LDPCSD based on the line-item quotes.

Deliverables:

- Summary TM (pdf submitted via email) including the following:
 - As-built drawings in pdf format; generalized plan views and sections with annotation – electronic copy in pdf
 - Floatation and hull strength calculations – electronic copy in pdf
- Fabrication drawings as bid and construction documents – electronic copy in pdf only
- Recommendation to Award letter – electronic copy in pdf only

Mr. Pete Kampa
Lake Don Pedro Community Services District
5 October 2017
Page 4

Task 3: Construction Services and Field Work

During the design phase and after the construction work has been awarded, Kennedy/Jenks will provide construction services as follows:

3.1 - Engineering Services During Fabrication (ESDF). Answer contractor requests for information (RFI) questions for construction work scope, and provide review of Contractor's cost-saving alternates.

3.2 - Site Visit at Commissioning. Conduct a one-day site visit to witness and document the commissioning and wet testing of the finished as-modified black barge at Barrett Cove; ensure successful pumping of the lake water into the bolted steel storage tank. Develop and submit field notes to LDPCSD.

3.3 - Field As-Built Drawings of Barge after Modifications. Observe and photo-document the as-modified barge construction, and revise the construction "bid document" drawings to include any variations based on actual modifications.

Deliverables:

- RFI responses – electronic copy in pdf
- Site visit field notes based on barge commissioning – electronic copy in pdf
- As-built drawings in pdf format; generalized plan views and sections with annotation – electronic copy in pdf

Work Exclusions

- Evaluating the existing float intake pumps for mechanical or electrical function
- Evaluating the orange float structure
- Separate bound specifications apart from the drawings
- Operations, controls, or instrumentation
- Shop inspection of ongoing fabrication
- Vibration analysis
- HDPE hoses
- Permitting
- Rigging
- Construction safety
- Contracting and processing of pay requested with the selected contractor
- Coordination with or funding requests associated with potential funding agencies

Mr. Pete Kampa
Lake Don Pedro Community Services District
5 October 2017
Page 5

Project Team Organization

The Kennedy/Jenks project team will consist of the following:

- Tracie Mueller, PE, Project Manager
- Aaron Taylor, PE, Project Engineer
- Peter Symonds, PE, Technical Advisor and QC Reviewer

The project team will be led by Tracie Mueller who will serve as the Project Manager, and Aaron Taylor who will serve as the Project Engineer. Peter Symonds will provide technical QC of the calculations and construction documents.

Proposal Preparation Schedule

Task 2 proposed work will be completed within six (6) weeks of authorization. Task 3 will commence immediately following the LDPCSD selection of a contractor and award of the contract issuing notice to proceed. Task 3 efforts will be coordinated closely with LDPCSD and the Contractor.

Basis of Compensation

We propose that compensation for the Scope of Work described above be on a time and expense reimbursement basis in accordance with our Schedule of Charges dated 1 January 2017, attached. Payments shall be made monthly based on invoices and list actual costs and expenses.

Based on our estimate of services required, we propose a budget of **\$25,660**, which will not be exceeded without authorization.

Kennedy/Jenks' proposed budget is detailed in the enclosed fee estimate.

Terms and Conditions

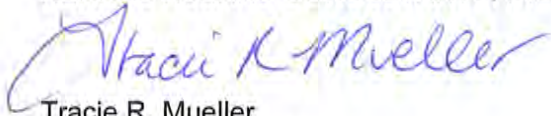
This proposal is based on projections of staff availability and is valid for 90 days following the date of this letter. If this proposal meets with your approval, please prepare a LDPCSD based-agreement to be executed by LDPCSD and Kennedy/Jenks, and provide authorization for the project work to begin.

Mr. Pete Kampa
Lake Don Pedro Community Services District
5 October 2017
Page 6

Thank you for considering us for this work. We look forward to working with you on this important LDPCSD project. If you should have questions, please contact me at 916-858-2721 or Aaron Taylor at 916-858-2717.

Very truly yours,

KENNEDY/JENKS CONSULTANTS, INC.



Tracie R. Mueller
Operations Manager

Enclosures:

- Proposal Fee Estimate
- Schedule of Charges: 1 January 2017

cc: Tim Williams, Kennedy/Jenks

Proposal Fee Estimate

Kennedy/Jenks Consultants

CLIENT Name: Lake Don Pedro CSD

PROJECT Description: Barrett Cove Pump Barge Rehabilitation

Proposal/Job Number: _____ **Date:** 10/5/2017

January 1, 2017 Rates

	Eng-Sci-7, T Mueller, PM	Eng-Sci-6. A Taylor, PE	Eng-Sci-6. P Symonds, QC	Designer	CAD, B Behnke	Project Administrator, C Cotton	Admin. Assist.	Aide		KJ	KJ	KJ				
Classification:									Total	Labor	ODCs	ODCs Markup	Total Labor	Total Subs	Total Expenses	Total Labor + Subs + Expenses
Hourly Rate:	\$250	\$225	\$225	\$150	\$120	\$120	\$100	\$75	Hours	Fees	Fees	10%				Fees
Task 1: Project Management and Admin																
1.1 - Project Setup						2			2	\$240		\$0	\$240	\$0	\$0	\$240
1.2 - Client Communication	2	5							7	\$1,625		\$0	\$1,625	\$0	\$0	\$1,625
1.3 - Client Meeting	1.5	1.5							3	\$713		\$0	\$713	\$0	\$0	\$713
1.4 - Invoicing	1.5	1.5							3	\$713		\$0	\$713	\$0	\$0	\$713
1.5 - Quality Control	4		4						8	\$1,900		\$0	\$1,900	\$0	\$0	\$1,900
Task 1 - Subtotal	9	8	4	0	0	2	0	0	23	\$5,190	\$0	\$0	\$5,190	\$0	\$0	\$5,190
Task 2: Design and Bidding Assistance																
2.1 - Site Visit	8	10							18	\$4,250	\$200	\$20	\$4,250	\$0	\$220	\$4,470
2.2 - As-Built Dwgs for Existing Barge		4			16				20	\$2,820		\$0	\$2,820	\$0	\$0	\$2,820
2.3 - Calculations for Barge Floatation and Hull Strength		20							20	\$4,500		\$0	\$4,500	\$0	\$0	\$4,500
2.4 - Summary TM		4				2			6	\$1,140		\$0	\$1,140	\$0	\$0	\$1,140
2.5 - Construction Dwgs		4			10				14	\$2,100		\$0	\$2,100	\$0	\$0	\$2,100
2.6 - Construction Work Negotiations, Letter of Rec to Award		4							4	\$900		\$0	\$900	\$0	\$0	\$900
Task 2 - Subtotal	8	46	0	0	26	2	0	0	82	\$15,710	\$200	\$20	\$15,710	\$0	\$220	\$15,930
Task 3 - Construction Services																
3.1 - ESDF		2							2	\$450		\$0	\$450	\$0	\$0	\$450
3.2 - Site Visit at Commissioning		12							12	\$2,700	\$200	\$20	\$2,700	\$0	\$220	\$2,920
3.3 - Field As-Built Dwgs		2			6				8	\$1,170		\$0	\$1,170	\$0	\$0	\$1,170
Task 3 - Subtotal	0	16	0	0	6	0	0	0	22	\$4,320	\$200	\$20	\$4,320	\$0	\$220	\$4,540
All Tasks Total	17	70	4	0	32	4	0	0	127	\$25,220	\$400	\$40	\$25,220	\$0	\$440	\$25,660

Client/Address: Lake Don Pedro Community Services District
Pete Kampa, General Manager
9751 Merced Falls Road
La Grange, CA 95329

Contract/Proposal Date: LDPCSD Barrett Cove Pump Barge Rehabilitation

Schedule of Charges

Date: January 1, 2017

PERSONNEL COMPENSATION

Classification	Hourly Rate
Engineer-Scientist-Specialist 1	\$130
Engineer-Scientist-Specialist 2	\$155
Engineer-Scientist-Specialist 3	\$170
Engineer-Scientist-Specialist 4	\$185
Engineer-Scientist-Specialist 5	\$200
Engineer-Scientist-Specialist 6	\$225
Engineer-Scientist-Specialist 7	\$250
Engineer-Scientist-Specialist 8	\$270
Engineer-Scientist-Specialist 9	\$290
CAD-Technician	\$105
Senior CAD-Technician	\$120
CAD-Designer	\$145
Senior CAD-Designer	\$160
Project Administrator	\$120
Administrative Assistant	\$100
Aide.....	\$75

Direct Expenses

Reimbursement for direct expenses, as listed below, incurred in connection with the work, will be at cost plus ten percent for items such as:

- Maps, photographs, 3rd party reproductions, 3rd party printing, equipment rental, and special supplies related to the work.
- Consultants, soils engineers, surveyors, contractors, and other outside services.
- Rented vehicles, local public transportation and taxis, travel and subsistence.
- Project specific telecommunications and delivery charges.
- Special fees, insurance, permits, and licenses applicable to the work.
- Outside computer processing, computation, and proprietary programs purchased for the work.

Reimbursement for vehicles used in connection with the work will be at the federally approved mileage rates or at a negotiated monthly rate.

If prevailing wage rates apply, the above billing rates will be adjusted as appropriate.

Rates for professional staff for legal proceedings or as expert witnesses will be at rates one and one-half times the Hourly Rates specified above.

Excise and gross receipts taxes, if any, will be added as a direct expense.

The foregoing Schedule of Charges is incorporated into the agreement for the services provided, effective January 1, 2017 through December 31, 2017. After December 31, 2017, invoices will reflect the Schedule of Charges currently in effect, which is anticipated to be a 3% increase for 2018.

Lake Don Pedro Community Services District

Regular Meeting of October 16, 2017

AGENDA SUPPORTING DATA

5. DISCUSSION AND ACTION ITEMS

- e. Adoption of a resolution approving agreement with Twin Lakes Management Company, Inc. for the fabrication and completion of the Emergency Barge Renovation Project, and amendment of the 2017-18 Budget to provide funding

Recommended Action

I move to adopt a resolution approving agreement with Twin Lakes Management Company, Inc. for the fabrication and completion of the Emergency Barge Renovation Project, and amendment of the 2017-18 Budget to provide funding

Background

As discussed in the previous agenda item, the existing float pump is to be decommissioned, pumps moved to the large barge, existing barge large diesel motors removed, new outboard motor installed, and related outfitting and fabrication for functionality and safety. Twin Lakes Management Company, who operates the boat maintenance yard on Lake McClure, has worked closely with the District in the design concept development, providing cost estimates and overall project assistance. Twin lakes has provided cost estimates for the work as proposed by Kennedy Jenks; which are attached hereto, with cost estimates summarized below:

Item	Cost Estimate	
Remove motors and outdrives, Install New Outboard motor and connections	\$	15,422.69
Fabricate renovations to install pumps	\$	19,335.19
Recoat entire barge, prep and install rubberized safety coating on deck, extra floatation on back if needed	\$	17,537.05
Total	\$	52,294.93

When the Kennedy Jenks design is complete, final cost bids will be sought which may be higher or lower. Staff recommends a 2017-18 budget amendment in the amount of \$50,000 as detailed in the attached resolution.

Don Pedro Custom Marine

14501 Las Moras St.
La Grange, CA 95329

Estimate

Date	Estimate #
9/28/2017	381

Name / Address
TLMC 9090 Lake McClure Rd. Snelling, CA. 95369 209-354-2945

			Project
Description	Qty	Rate	Total
Water Company			0.00T
Remove starboard and port motors. Outdrive and transoms. Remove Gen. Install new motor package.	40	90.00	3,600.00
115 Motor	1	8,995.00	8,995.00T
RC-Single Trim	1	369.34	369.34T
Harness / Key Switch	1	234.09	234.09T
Cable 14'	2	46.59	93.18T
Prop	1	194.92	194.92T
Fuel Tank	1	75.00	75.00T
Misc. Materials / Supplies / Hose and fittings	1	35.00	35.00T
Steering Ram	1	950.00	950.00T
Hazardous Waste	1	45.00	45.00
Misc. Materials / Supplies	1	35.00	35.00T
This is not an invoice, this is an estimate		Subtotal	\$14,626.53
		Sales Tax (7.25%)	\$796.16
		Total	\$15,422.69

Phone #
(209)852-2441

Twin Lakes Management Company Inc.

8044 lake McClure Rd.
Snelling CA 95369
209-354-2958

Estimate

Date	Estimate #
9/17/2017	10675

Name / Address
Lake Don Pedro Community Services Distric 9751 Merced Falls Rd La Grange, CA 95329

All estimates are valid for
30 days from the date of
estimate.

Project

Description	Qty	UM	Rate	Total
Labor- cut out hull to accommodate transport position[this will include 1 crew member for fire watch.]	24	HRS	85.00	2,040.00
Labor- degrease pod [sand blasting would most efficient] and dispose of contaminated sand.	8	HRS	85.00	680.00
Labor- fabricate box for cut outs 18"x60"x42" and weld in place.[have to die check this item additional welding maybe required].	40	HRS	85.00	3,400.00
Labor- fabricate hinged plates for pumps. [it maybe possible to use existing plates with hinges.	16	HRS	85.00	1,360.00
Labor- test fit pumps for correct operation with winches. and remove.	16	HRS	85.00	1,360.00
Labor- remove pumps and stage for pick up.	4	HRS	85.00	340.00
launch boat without pumps check for possible leaks and get a measurement for float calculation @ rear of barge.	8	HRS	85.00	680.00
Labor- re install pumps to barge.	16	HRS	85.00	1,360.00
Labor- remove man-hole covers and inspect bilge for corrosion,debris,moisture,structural supports. provide a written summary of wall and deck thickness via ultra sonic testing 25 locations.	12	HRS	85.00	1,020.00
Labor- fabricate new transom for mercury 115hp. out board motor[includes modification of work deck.]	24	HRS	85.00	2,040.00
Labor- plate over or weld up any holes in the deck that could compromise floatation.	26	HRS	85.00	2,210.00
misc. supplies 5%	1		825.00	825.00T
mics. materials [metal prices fluctuate 20 to 30% +/- allow for that .	1	LOT	1,500.00	1,500.00T
Labor- sand disposal hours	4	HRS	85.00	340.00
Sales Tax			7.75%	180.19
<p>Not responsible for loss or damage to above product or articles left on premises due to fire, theft, accident, inclement weather conditions, or any other cause beyond our control.</p> <p>I hereby authorize the above repair work to be done along with the necessary material, and hereby grant you or your employee's permission to operate the product herein described on any waterways or elsewhere for the purpose of testing and/or inspection.</p> <p>An express mechanics lien is hereby acknowledged on the above product and/or labor to secure amount off repairs.</p>				
Total			\$19,335.19	

Twin Lakes Management Company Inc.

8044 lake McClure Rd.

Snelling CA 95369

209-354-2958

Estimate

Date	Estimate #
9/17/2017	10676

Name / Address
Lake Don Pedro Community Services Distric 9751 Merced Falls Rd La Grange, CA 95329

Also see 10675 and
Don Pedro Lake Marine
quote for existing diesel
engine removal line item.

All estimates are valid for
30 days from the date of
estimate.

Project

Description	Qty	UM	Rate	Total
Sandblasting and Bottom Coating completed ON-SIGHT - Rate of \$5.75 / Square Foot per Pontoon Minimum Charge Includes Set-Up, Cribbing, Boatyard Selected Premium Bottom Coating, Hazardous Material Fees, and Selected Material	800	FT	5.75	4,600.00
Labor- prep top deck for tufflex waterproofing	32	HRS	85.00	2,720.00
Labor- tufflex top deck	34	HRS	85.00	2,890.00
Labor- install winches at back corners for rotational control.	2	HRS	85.00	170.00
Labor- fabrication of extra floatation @ back of boat	20	HRS	85.00	1,700.00
Labor- install extra floats to work deck	4	HRS	85.00	340.00
misc supplies 5%	1		749.00	749.00T
tufflex rubberized coating pacific grey	1	lot	4,000.00	4,000.00T
Sales Tax			7.75%	368.05
Not responsible for loss or damage to above product or articles left on premises due to fire, theft, accident, inclement weather conditions, or any other cause beyond our control.				
I hereby authorize the above repair work to be done along with the necessary material, and hereby grant you or your employee's permission to operate the product herein described on any waterways or elsewhere for the purpose of testing and/or inspection.				
An express mechanics lien is hereby acknowledged on the above product and/or labor to secure amount off repairs.				
Total			\$17,537.05	

Lake Don Pedro Community Services District
Approved Final 2017-18 Fiscal Year Budget

	2016-2017 Approved Budget	2017-18 Approved Preliminary Budget	2017-18 Approved Final Budget
Expenses			
Business Insurance Expense	33,757	40,529	40,529
Misc Other Expense (Board member tablets)	7,478	309	5,300
Retired Employee Health	0	25,063	25,063
Retired EE Benefit Expense	148,142	148,142	148,142
LAFCO MSR	0	0	0
Interest Long Term Debt	52,173	48,505	48,505
Depreciation Expense	2,500	2,500	2,500
Office Fire Recovery	25,144	0	0
TOTAL EXPENSES	1,476,043	1,479,766	1,496,738

	2016-2017 Approved Budget	2017-18 Approved Preliminary Budget	2017-18 Approved Final Budget
CAPITAL IMPROVEMENT PROJECTS (IN PROGRESS)			
Well 2	0	0	0
Medina Well	0	50,000	50,000
Well 3/4	0	0	0
Well 5	0	50,000	50,000
Intake Booster #2 Installation	50,000	75,000	75,000
Barge Renovations	20,000	30,000	30,000 80,000
Springbrook Update (billing software)	0	30,000	30,000
Ranchito Well #1 Renovation	37,611	10,000	10,000
IRWMP Service Line Replacement Project (Project 4)	721,287	605,249	605,249
IRWMP Project Administration (Project 1)	105,156	0	20,000
IRWMP Water Use Efficiency Project (Project 3)	0	164,635	164,635
TOTAL CIP IN PROGRESS	934,054	1,014,884	1,034,884

	2016-2017 Approved Budget	2017-18 Approved Preliminary Budget	2017-18 Approved Final Budget
CARRYOVER PROJECT (GRANT) REVENUE			
USDA Grant		100,000	310,000
DWR Grant wells		86,520	86,520
IRWMP Service Lines Grants		574,987	574,987
IRWMP Admin Grants	85,000	20,000	20,000
IRWMP Water Use Eff. Grants		156,403	156,403
TOTAL CARRYOVER PROJECT REVENUE	85,000	937,910	1,147,910

Lake Don Pedro Community Services District
Approved Final 2017-18 Fiscal Year Budget

	2017-18 Approved Preliminary Budget	2017-18 Approved Final Budget	
NEW CAPITAL PURCHASES/IMPROVEMENT PROJECTS			
Replacement Truck (2003 Chevy)	32,000	32,000	
Replacement Truck (2005 Chevy)	40,000	40,000	Delay
Tablets for System Maintenance (field computers)	0	5,000	
Effluent Meter Replacement (Plant)	40,000	40,000	
Replacement Flocculator Gear Drives (3 - Plant)	12,000	12,000	
Hormiga Water Line Replacement Project	60,000	60,000	40,000
Portable Generator	6,000	6,000	
TOTAL NEW CAPITAL PURCHASES/IMPROVEMENTS	190,000	195,000	

	2017-18 Approved Preliminary Budget	2017-18 Approved Final Budget	
PROJECT PLANNING, DESIGN AND STUDIES			
CIP Development	40,000	40,000	
Connection Fee Study	15,000	15,000	Delay
Grant application services (Service Lines, Intake Renovations)	30,000	30,000	
District Map Digitizing and Upates	15,000	15,000	35,000
Planning Study re Lake McClure Pumping solutions	0	50,000	
TOTAL PLANNING, DESIGN AND STUDIES	100,000	150,000	