



Board Meeting Agenda

Russ Baggerly, Director
Angelo Spandrio, Director
Brian Brennan, Director

Pete Kaiser, Director
James Word, Director

CASITAS MUNICIPAL WATER DISTRICT

Meeting to be held at the
Casitas Board Room
1055 Ventura Ave.
Oak View, CA 93022
January 9, 2019 @ 3:00 P.M.

Right to be heard: Members of the public have a right to address the Board directly on any item of interest to the public which is within the subject matter jurisdiction of the Board. The request to be heard should be made immediately before the Board's consideration of the item. No action shall be taken on any item not appearing on the agenda unless the action is otherwise authorized by subdivision (b) of §54954.2 of the Government Code and except that members of a legislative body or its staff may briefly respond to statements made or questions posed by persons exercising their public testimony rights under section 54954.3 of the Government Code.

1. Roll Call
2. Public comments (Items not on the agenda – three minute limit).
3. General Manager comments.
4. Board of Director comments.
5. Board of Director Verbal Reports on Meetings Attended.
6. Election of Board Officers.
7. Selection of Board Committees and Ad Hoc Committees.
 - a. Board Member Assignments.
 - b. Schedule of Committee Meetings
 - c. President Assignments to Ad-Hoc Committees
8. Assignments to Outside Associations and Approval of Authorized Meetings for the Board.
9. RECOMMENDED ACTION: Motion approving assignments.
Resolution authorizing memberships.

RECOMMENDED ACTION: Adopt Resolution

10. Consent Agenda

- a. Minutes from the December 12, 2018 meeting.

RECOMMENDED ACTION: Adopt Consent Agenda.

11. Review of District Accounts Payable Report for the Period of 12/06/18 - 01/02/19.

RECOMMENDED ACTION: Motion approving report.

12. Continuing Consideration of a Resolution Declaring a Stage 4 Water Supply Condition at Lake Casitas.

RECOMMENDED ACTION: Adopt Resolution or Direction to Staff

13. Recommend approval of the list of contractors who are pre-qualified for calendar year 2019 to bid for pipeline construction jobs and perform emergency pipeline repairs using their 2019 rate schedule.

RECOMMENDED ACTION: Motion approving recommendation

14. Recommend authorizing the General Manager to enter into an agreement for professional engineering consulting services with Stantec Consulting Services, Inc. for preparation of the Comprehensive Water Resources Plan and Safe Yield Analysis for a fee not to exceed \$398,390.

RECOMMENDED ACTION: Motion approving recommendation

15. Recommend awarding a contract to Pueblo Water Resources, Inc. in the amount of \$15,320.00 for assessment of the Teague Watershed groundwater resources in relation to proposed pilot bore test wells in the Teague Watershed.

RECOMMENDED ACTION: Motion approving recommendation

16. Discussion of a letter regarding Ojai Valley Drought Economic Study.

17. Information Items:

- a. Monthly Engineering Status Report for January, 2019.
- b. Monthly Water Security Project Status Report for January, 2019.
- c. Hydrologic Status Report for November, 2018.
- d. LAFCo 2018 Election Results
- e. Water Consumption Report.

- f. CFD No. 2013-1 (Ojai) Monthly Cost Analysis.
 - g. Investment Report.
18. Closed Session
- a. Conference with Labor Negotiators (Govt. Code Sec. 54957.6)
Agency Designated Representatives: Rebekah Vieira, Draza Mrvichin
Employee Organization: Supervisory & Professional, General Unit and Recreation Unit.
 - b. CONFERENCE WITH LEGAL COUNSEL – EXISTING LITIGATION (Government Code §54956.9(a)
Santa Barbara Channelkeeper v. State Water Resources Control Board; City of San Buenaventura, San Francisco County Superior Court, Case No. CPF-14-513875.
19. Possible adoption of resolutions authorizing adoption of a Memorandum of Understanding with the General, Recreation, and Supervisory & Professional Units may be considered following the closed session.
20. Adjournment.

If you require special accommodations for attendance at or participation in this meeting, please notify our office 24 hours in advance at (805) 649-2251, ext. 113. (Govt. Code Section 54954.1 and 54954.2(a)).

CASITAS MUNICIPAL WATER DISTRICT

New Board Officers for 2019:

President _____
Vice President _____
Secretary _____
Asst. Secretary _____

Officers assume their new positions at the January 9, 2019 Board Meeting

Committee Assignments:

Members

Executive _____
Finance _____
Quagga _____
Personnel _____
Recreation _____
Water Resources _____

Committee Dates and Time:

	Date	Time
Executive	_____	_____
Finance	_____	_____
Quagga	_____	_____
Personnel	_____	_____
Recreation	_____	_____
Water Resources	_____	_____

Ad Hoc Committee Assignments

State Water _____

Public Relations _____

Outside Affiliations and Board Attendance Approvals for 2019

These affiliations and meetings are considered approved for the attendance of any Board Member and or staff for any meeting without additional Board Action. These meetings are considered paid meetings for Board attendance:

American Fisheries
American Water Works Association
Agenda Meetings – President
Association of California Water Agencies
Association of Water Agencies
Bureau of Reclamation
California Park & Recreation Society
California Special District Association
CALPELRA
Greater Ventura Chamber of Commerce _____
LAFCO
Matilija Dam Removal Meetings
National Notary Association
OBGMA _____
Ojai Chamber of Commerce _____
Salmonid Restoration Foundation
Society of Human Resource Management
State/Federal Legislative meetings
State Water Contractors
Upper Ventura River Groundwater Agency _____
Ventura County Special District Association
Ventura River Watershed Council
Watershed Coalition of Ventura County

CASITAS MUNICIPAL WATER DISTRICT

RESOLUTION NO. 19-01

RESOLUTION APPROVING MEMBERSHIPS FOR THE WATER SYSTEM AND
LAKE CASITAS RECREATION AREA FOR 2018

Whereas, the Water Code section 71597 provides that the Board may obtain memberships in associations for the purpose of furtherance of subjects relating to the powers and duties of the district by passing a resolution with 4/5th vote, and

Whereas, the Board considered memberships at its Board Meeting and approved the following memberships; and

Whereas, it is felt that approving them in one motion will reduce staff work on the individual items.

Now, Therefore Be It Resolved by the Board of Directors of the Casitas Municipal Water District that the following memberships are approved:

1. Membership in the Association of Water Agencies of Ventura County. Approved Membership for \$6000, sponsorship for the Symposium for \$1,000, and \$1,000 for the Regan Library Event.
2. Membership in the National Notary Association in the amount of \$60.
3. Membership in Government Finance Officers Association. The 2018 membership fee was \$160.
4. Membership in the Society for Human Resource Management in the amount of \$190.
5. Membership in the California Association of Public Purchasing Officers costing \$130 in 2018.
6. Membership in the State Water Contractors. Casitas pays only a quarter of these costs. The cost for 2018 was \$42,294.
7. Membership in the California Association of Public Information Officers in the amount of \$225 for 2018.
8. Membership in the Ventura County Special Districts Association in the amount of \$150.
9. Membership in CALPELRA in the amount of \$350.
10. Membership in the American Water Works Association in the amount of \$420.
11. Membership in the Association of California Water Agencies in the amount of \$22,560.
12. Membership in the California Special Districts Association in the amount of \$6,842 in 2018.
13. Membership in the Ventura Chamber of Commerce in the amount of \$895.
14. Membership in the Ojai Chamber of Commerce in the amount of \$690.

15. Membership in the California Urban Water Conservation Council paid \$2,013.76 in 2018.
16. California Parks & Recreation Society at \$480.
17. S. California Public Pool Operators Association at \$30.
18. United States Water Fitness Association at \$125.
19. World Waterpark Association at \$419.
20. Pesticide Applicators Professional Association at \$90.
21. California Park Rangers Association at \$110.
22. Channel Counties Water Utilities Association administered by AWA at \$150.
23. North American Lake Management Society in the amount of \$110.
24. American Fisheries in the amount of \$180.
25. Membership in California Lake Management Society at \$40.
26. California Association for Recreational Fishing in the amount of \$300.
27. Membership in the Irrigation Association in the amount of \$100.
28. Membership in the American Society of Safety Engineers in the amount of \$195.
29. Membership in the Maintenance Superintendents Associations in the amount of \$75.

ADOPTED this 9th day of January, 2019.

Signed:

Pete Kaiser, President
Casitas Municipal Water District

Attest:

Brian Brennan, Secretary
Casitas Municipal Water District



Minutes of the Casitas Municipal Water District
Board Meeting Held
December 12, 2018

A meeting of the Board of Directors was held December 12, 2018 at the Casitas Municipal Water District located at 1055 Ventura Ave. in Oak View, California. The meeting was called to order at 6:00 p.m. President Word led the group in the flag salute.

1. Roll Call

Directors Spandrio, Brennan, Kaiser, and Word were present. Director Baggerly was absent. Also present were Mike Flood, Interim General Manager, Rebekah Vieira, Clerk of the Board, and Attorney John Mathews. There were two staff members and fifty members of the public in attendance

2. Swear in New Directors for Division 1 and Division 4.

The Clerk of the Board administered the oath of office to Director Brian Brennan for Division 1 and Director Angelo Spandrio for Division 4.

3. Appoint temporary Board Officers for the position of Secretary and Vice President.

President Word moved to temporarily appoint Director Kaiser as Vice President and Director Baggerly as Secretary. This was seconded by Director Brennan and approved by the following roll call vote:

AYES:	Directors:	Spandrio, Brennan, Kaiser, Word
NOES:	Directors:	None
ABSENT:	Directors:	Baggerly

4. Public comments (Items not on the agenda – three minute limit).

Bruce Kuebler representing the Upper Ventura River Groundwater Agency requested that when a director is appointed to replace Director Bergen that we do it by resolution.

William Weirick with the City of Ojai and Peggy Wilds with Ventura River Water District presented a letter regarding an Ojai Valley Drought Economic

Study which a group of agencies forwarded to this Board in September and requested that this issue be put on a future agenda for discussion.

Hank Koch expressed that the time for studies should be over and it is now time for action. We have about four years of rain and if there is no more rain this place is gone. It is time for action instead of studies.

5. General Manager Comments

Mr. Flood reported on three leaks on Del Norte in a two month period of time. That pipeline was installed 30 years ago and rocks found their way into the backfill. There have been two leaks this week, on Sunset Place and one on Ayers. Since we took ownership of the Ojai system we have fixed over 200 leaks. In the rest of our system we have had 15 leaks. We are working diligently to get main replacements done.

This afternoon we had a tour with Assemblywomen Monique Limon and staff talking about water supply and projects and getting some help with regulations. They are interested in what we are doing and they have heard from the public here.

The contract extension amendment for State Water Project has been approved for another 50 years in the future and a validation action was filed and will be challenged legally in court.

Director Brennan asked about meeting with Salud Carbajal and Julia Brownley. Mr. Flood explained that Julia Brownley's office has been effective in chasing the FS299 permit and we have had conversations with her office and her rep in Washington. Letters were sent to Secretary Purdue, Secretary of Agriculture and both state senators asking for help with the FS 299 that the Forest Service has worked on for 14 months. We have not heard back from the secretary yet. Director Brennan explained he has served with Carbajal previously and he does represent a sliver of the district. I would be happy to work with you on an introductory letter.

6. Board of Director Comments

President Word asked the board to check their calendars to determine when we might have a full day meeting for interviewing candidates for the General Manager position.

Director Kaiser asked about the 1601 permitting status. Mr. Flood explained that 1601 is the state permit. There are 4 Federal permits. Clearance on two of those happened today, and we are expecting the other Federal permit to be cleared by the end of the month. The 1601 was submitted and we hope it will be ready at the same time at the end of the month.

Director Kaiser provided information on an aqua dam type of structure that may be able to be used to avoid some of the onerous permitting. The dams are fabric type and placed in the actual structure to prevent downstream water from entering the fish ladder to allow some work to be done. He passed the information on to the General Manager.

A member of the public asked a question about how much water was diverted. Mr. Flood replied the first storm was over 300 acre feet from all sources and the diversion amount was about 140 af. The second storm was 150af from all sources and 50 or so af from the diversion.

Director Spandrio said I am privileged to be here tonight as a member of the Casitas board. I look forward to working with the board and staff. I thank my wife for putting up with me for the last six months. Thanked the campaigning committee and those who worked so hard to get me elected. Thanks for those that voted for me. There were 4,908 votes from division 4 – around a 70% turnout. It was amazing. Mary Bergen who is here tonight received 2,215 of those votes. I received 445 more votes. I have asked Mary to help me stay in touch with her supporters to make certain that their wishes and needs can be heard and I have asked Mary to assist me in dialog with the Ag community. Mary graciously agreed. Director Spandrio read something that Director Baggerly wrote 2.5 years ago to Steve Wickstrum regarding a new water reconnaissance report. It's going to be of paramount importance for our apprehensive customers that we are seen as being proactive as possible on their behalf in providing water security for the future. Casitas is turning the corner in being responsive to customer apprehension. Being proactive will require innovative and intelligent cooperation with other neighboring water agencies. I look forward to participating in these processes these next four years.

Director Brennan added I was not fortunate to receive votes. I put my name in and recognize my responsibility to those residents and to all residents. I look forward to working with the board and staff and recognize climate change. I have the ability to work with bringing information that is out there that other districts are doing, and the residents here, and do this collectively for ongoing water security. The City of Ventura is working on a number of different options and we work on that with them and negotiate. I am looking forward to doing that. I thank Director Bergen for your years here and my seat was Bill Hicks who had 28 years of being involved. I work in the arena of resilience and adaptation to climate change. I look forward to working with you all.

7. Board of Director Verbal Reports on Meetings Attended

None

8. Consent Agenda

APPROVED

a. Minutes of the November 28, 2018 Board Meeting

On the motion of Director Kaiser, seconded by President Word the Minutes were approved by the following roll call vote:

AYES:	Directors:	Kaiser, Word
NOES:	Directors:	None
ABSTAIN:	Directors:	Spandrio, Brennan
ABSENT:		Baggerly

9. Review of District Accounts Payable Report for the Period of 11/21/18 - 12/05/18. APPROVED

On the motion of Director Kaiser, seconded by Director Brennan, the accounts payable report as approved by the following roll call vote:

AYES:	Directors:	Spandrio, Brennan, Kaiser, Word
NOES:	Directors:	None
ABSENT:	Directors:	Baggerly

10. Stage 4 Drought Declaration Public Hearing

- a. Staff Comments
- b. Board Member Comments
- c. Public Comments
- d. Resolution Declaring a Stage 4 Water Supply Condition at Lake Casitas. Resolution was not offered.

President Word stated this is the time, place and date set for the public hearing for the possible Declaration of Stage 4 drought conditions. He asked for names of public who submitted comments. The Clerk of the Board answered that there were none. He then asked for the Manager's report. Mr. Flood provided a PowerPoint presentation explaining that we have been in Stage 3 since July of 2016. Stage 4 requires a 40% demand reduction response. In 2014 we were already at 20% reduction that year. In 2015 demands dropped by 30%. In 2016 when Stage 3 declaration was declared we were already at 40% reduction which is the Stage 4 demand scenario. Water demands have been at stage 5 level. I credit that to two things. First, folks are aware of the lake – they don't like it when it is going down. Second, there has been a good drought message that has gone out. It is a phenomenal response.

Allocation penalties were discussed and the Board can look at a number of factors, the lake level is one, another is how well is the area doing in conservation. Good response, weather, regulatory issues. There is a lot of board discretion on stage and demand management factors should be included. We did get two storms; it is early in the rain year. What are the prospects?

We are looking at customer feedback, we held a town hall meeting in October and there was a majority of people who wanted to wait to implement Stage 4 reductions and some said let's do it now. They want to know what criteria will allow us to go back to Stage 3 and that is an important part of the decision tonight. Policy alternatives were also discussed.

President Word opened the public hearing is at 6:52 p.m.

Gloria Valladolid, resident of Meiners Oaks explained that as a rate payer, the idea of stage 4 is appealing to me. I am already conserving at stage 5 and it would not be a hardship. Ag is important and the PowerPoint said for the most part they want you to wait. I understand they served to keep Ojai from burning. I want to remind everyone that Connor Jones believes that conservation by itself can provide us with enough water and the moratorium on new allocation is attractive.

Bert Rapp, General Manager of Ventura River Water District supports Alternate number 2 and with our MOU with you we will implement whatever you declare. I am concerned about conservation roller coaster should we get up to 38% in April and then down and back up in three months and don't want to confuse customers with that. Our usage in Jan – Mar is only 15% of our usage. Not much water to conserve. Let our customers know what the objective is by April 1 you could expect to go into stage 4 and then everyone can plan. You can make the decision in April or March 13 and be ready to implement the conservation goals when we get in the water using months. Regarding a moratorium, you have 5 of 10 acre feet allocated this year. Our district has one or two new homes every two years. The moratorium does not affect the city of Ventura. New homes are required to do rainwater capture and have drought tolerant landscaping. 2.5 acre feet is two hours of evaporation at Lake Casitas on a hot day in August. It is a small amount of water for people planning to build their home. Every property in Ojai valley has paid tax for the project. Current plan is supplemental water that will also go on property tax and properties that are not a customer of Casitas will have to pay the tax. When you need the water we tell them they can't have it. They should be allowed to use the water.

Jim Finch expressed that as a farmer in Ojai and Ventura area and I use a lot of your water and paid some penalties this year. Meeting after you drop below 30% should be your trigger point. We started off this year at 35%. I don't know we need to go all the way to 38%. Let it set mathematically – we will probably be March or April as this is our low use period. I was also one of those that said bring it on sooner at the last meeting.

John Coudray added the Thomas fire impacted the area in a significant way and impacts county government. If you in process of building and seeking tradesman and pursuing allocation and you adopt stage 4 I would hope the board would have compassion and empathy for people that are trying to take their projects forward.

Ron Caulkins, a resident of Oak View for over 40 years added that the presentation was helpful and impressive that we have reduced demands by 50%. That is outstanding. That is clear to me and to everyone and that means people have gotten the word. Keep the momentum going. We have arrived and exceeded stage 3 and stage 4. Demands are at annual lows, have had rain and will get more. The time to take stalk of water supply is after the wet cycle and we are on the verge of the wet cycle. I urge you to adopt alternative #2. Wait until after rainy season and see where we are. We will all continue to conserve. We have received the message and are vigilant on protecting our water supply. He also expressed that he isn't sure why you would have to recover to 38% to go back to a stage 3.

Roland Pistore explained that he was not at the ag meeting but questioned the annual Allocation reduction. How will that change mid-stream here. Mr. Flood explained that our finance department would have to work something out. Mr. Pistore said it is a big issue for us for our operation. Ms. Collin added that the system can be programmed for the months that are in stage 3 and the months that are in stage 4 to calculate the annual amount. Mr. Pistore suggested alternative 2 and added that the allocation starts July 1. Don't make my life any more difficult, we have cut our acres of trees to accommodate. We are planning now to make decisions for the summer.

An unnamed member of the public, a farmer in the USDA program added there are decisions to make in the spring and if we make this decision now I have to walk away from it today with Brokaw for the trees. We are recovering a lot of orchard that we figured was destroyed. If put off decisions on if to buy or not gives time to make a decision. The more we recover we don't have to throw the trees and the money away. You have to do what you have to do. Water will be here or it won't. I deal with the USDA and you are simple compared to them. Thank you for your effort. The board decision is paramount for recovery. When we work together we will make it work for everyone. Whatever decision you make I will live with but I walk away from a deposit on 1,000 trees.

Director Brennan added that these are good comments and asked that the public speak into the mic so it is on the public record.

Another member of the public asked what are you doing for us? You have a defunct system for diverting the water. Why didn't you get permits before it started raining? President Word answered that as soon as the vegetation arrived we submitted for the permits. Mr. Flood added it is ready to divert and it already has. It is fully operable and collected 500 af from two weak storms. He added I have video, if you would like to come in and I could show you video. We have done public tours that show the condition of the facility. Mr. Mathews added this isn't a debate and it is helpful to be on the record with comments. The member of the public added I get fined every month. Mr. Mathews added there is an offer from the General Manager to meet with you.

Stephanie Vang spoke in favor of implementing stage 4 as soon as possible and protecting the water in the lake. You have been hoping for rain long enough. What if it doesn't rain? We could be jeopardizing the lake more. Move forward.

President Word closed the public meeting at 7:17 p.m. and asked for Director Comments

Mr. Spandrio added the lake volume that Mr. Flood mentioned is roughly 1,300 – 1,400 af above the stage 4 level. The last time I charted the lake in early November the lake was falling 230 af per week. We probably have 5-6 weeks of water before we reach stage 4 declaration level. During the hearing it was pointed out we are at our lowest consumption during this period of time. We have had two rain storms. We are dropping at 230 af or less during this period of time. People are conserving at stage 4 or better right now. If we do anything, wait for 5-6 weeks – to Jan 9th and we can reevaluate at that time. Not go to stage 4 right now. It is not necessary and will cause heartache. Put more in a penalty situation and I don't think that is warranted at this time. My opinion is to delay to January board meeting or pick an alternative. Waiting to April 1st is not a good decision, it is too far away. I propose to reevaluate it January 9th.

Director Brennan agreed. I was originally thinking we should go right away. We are not quite in that 30% yet. If we take the pulse in January and if we get rains and if we need to push it for more meetings we can wait. Conservation is continuing. We are not kicking the can down the road and recognizing fears of gentleman. As we get through all of this we can work through other methods. Keep customers and ag investments. What would Ojai valley be without Ag. Let's be measured in how we do this.

Director Kaiser added what this board is saddled with is what is prudent and necessary. There are no guarantees and balancing the needs of the public and ag community etc. Conservation we have been involved in is shown to be very effective. It has extended the lake considerably. With the idea of not kicking the can down the road we have to monitor this on a very active basis. Look at this seriously on a bi-weekly basis to make a decision in a timely way and not prolong further than necessary. If global warming and a continuation of that based on climate change we can't take chances on how long that lake will last. We need to be in sync with other water purveyors and we are all doing our part in going to that stage.

President Word added if we were conserving water at a 30% level I might feel differently but I am not sure what we will gain by going to stage 4. It won't change our conservation level and it will penalize some of those who are not making stage 3 yet. There is a lot of our customers that do not get any water out of the lake. We have a resolution before us if not offered it can be brought back next month.

Director Brennan moved to have staff bring this back to the meeting on January 9, this was seconded by Director Kaiser and passed by the following roll call vote:

AYES: Directors: Spandrio, Brennan, Kaiser, Word
NOES: Directors: None
ABSENT: Directors: Baggerly

At 7:31 pm President Word called for a five minute break. President Word reconvened the meeting at 7:36 p.m.

11. Notice of Completion for La Conchita System Improvements. APPROVED

On the motion of Director Brennan, seconded by Director Kaiser the above notice was approved by the following roll call vote:

AYES: Directors: Spandrio, Brennan, Kaiser, Word
NOES: Directors: None
ABSENT: Directors: Baggerly

Director Brennan expressed that as he has spent some time in the La Conchita community I wish to pass on kudos to the contractors and to staff on the job well done and the positive interaction with the community.

12. Recommend awarding a purchase order contract to Great Western Recreation in the amount of \$33,085 for LCRA Playground Surface Replacement. APPROVED

On the motion of Director Kaiser, seconded by Director Spandrio, the above recommendation was approved by the following roll call vote:

AYES: Directors: Spandrio, Brennan, Kaiser, Word
NOES: Directors: None
ABSENT: Directors: Baggerly

13. Recommend approval for an additional \$10,000 to increase the awning covers for various pumping facilities budget from \$25,000 to \$35,000. APPROVED

On the motion of Director Kaiser, seconded by Director Brennan the above recommendation was approved by the following roll call vote:

AYES: Directors: Spandrio, Brennan, Kaiser, Word
NOES: Directors: None
ABSENT: Directors: Baggerly

14. Presentation by the Pun Group of the Comprehensive Annual Financial Report for Fiscal Year 2017-2018. APPROVED

Tanya Porche with the Pun Group provided a PowerPoint presentation on the audit, explaining the management and auditor responsibilities, the financial statements –

The result of the Audit is an unmodified opinion, there were no findings, the financial statement is fairly presented by management and there are significant policies which are followed and applied. There was no disagreement with management, no material weaknesses or significant deficiencies in internal controls and no accounting issues.

Operating revenues increased \$2 million because of the purchase of the Ojai system but expenses also increased for the same reason. The change in net position net loss for the district was reduced from 5.7 million to 3.9 million. A few years back the district did a water rate study and it was projected the district would be in a loss. Rate increases were proposed over a five year period and you can see the difference in the reduction of the deficit and you are expected to be in a surplus in the five year period. There was discussion on the pension and OPEB.

Director Spandrio pointed out a difference in net position as represented on page 63 versus page 15. Ms. Porche explained that needs to be corrected as the correct number is on page 15.

Director Brennan moved to accept the audit with the changes presented and to have staff re-examine and bring it back if there are other changes. BB to accept with changes presented and have staff reexamine and bring back if other changes, this was seconded by Director Spandrio and approved by the following roll call vote:

AYES:	Directors:	Spandrio, Brennan, Kaiser, Word
NOES:	Directors:	None
ABSENT:	Directors:	Baggerly

15. Information Items APPROVED

- a. Monthly Lake Casitas Recreation Area Report.
- b. Monthly Engineering Status Report.
- c. Water Resources Committee Minutes
- d. Recreation Committee Minutes
- e. Finance Committee Minutes
- f. Water Consumption Report.
- g. CFD No. 2013-1 (Ojai) Monthly Cost Analysis.
- h. Investment Report.

Director Spandrio expressed that he has several questions on items b, c and f and rather than take up time here and I willing to meet with Mr. Flood and the Engineering Manager to discuss or we can discuss tonight. President Word added it might be better for Mr. Spandrio to speak with Mr. Flood. Director Brennan added it might be good to get the question on the record and make the answers available to us as they might be the same questions I have. Director Spandrio will provide the questions to Mr. Flood.

Mr. Flood added there was a slight change to the Recreation Committee minutes which was handed out.

On the motion of Director Kaiser, seconded by Director Brennan, the information items were approved by the following roll call vote:

AYES:	Directors:	Spandrio, Brennan, Kaiser, Word
NOES:	Directors:	None
ABSENT:	Directors:	Baggerly

Director Spandrio gave compliments to the Engineering manager on the reporting but asked that the background be white.

16. Adjournment

President Word adjourned the meeting at 8:04 p.m.


Secretary

CASITAS MUNICIPAL WATER DISTRICT
Payable Fund Check Authorization
Checks Dated 12/06/18-01/02/19
Presented to the Board of Directors For Approval January 9, 2019

Check	Payee			Description	Amount
000852	Payables Fund Account	#	9759651478	Accounts Payable Batch 121218	\$36,910.75
000853	Payables Fund Account	#	9759651478	Accounts Payable Batch 121918	\$358,947.94
000854	Payables Fund Account	#	9759651478	Accounts Payable Batch 122618	\$14,490.37
000855	Payables Fund Account	#	9759651478	Accounts Payable Batch 010219	\$2,161,161.30
					\$2,571,510.36
000856	Payroll Fund Account	#	9469730919	Estimated Payroll 01/17/19	\$150,000.00
				Total	\$2,721,510.36

Publication of check register is in compliance with Section 53065.6 of the Government Code which requires the District to disclose reimbursements to employees and/or directors.

The above numbered checks, 000852-000856 have been duly audited is hereby certified as correct.

 1/3/19

 Denise Collin, Accounting Manager/Treasurer

 Signature

 Signature

 Signature

CERTIFICATION

Payroll disbursements for the pay period ending 12/15/18
Pay Date of 12/20/18
have been duly audited and are
hereby certified as correct.

Signed: Denise Collin 12/17/18
Denise Collin

Signed: _____
Signature

Signed: _____
Signature

Signed: _____
Signature

CERTIFICATION

Payroll disbursements for the pay period ending 12/29/18
Pay Date of 01/03/19
have been duly audited and are
hereby certified as correct.

Signed:  _____
Rebekah Vieira

Signed: _____
Signature

Signed: _____
Signature

Signed: _____
Signature

A/P Fund

Publication of check register is in compliance with Section 53065.6 of the Government Code which requires the District to disclose reimbursements to employees and/or directors.

000852	A/P Checks:	32284-32300
	A/P Draft to P.E.R.S.	
	A/P Draft to State of CA	
	A/P Draft to I.R.S.	
	Voids:	
000853	A/P Checks:	32301-32434
	A/P Draft to P.E.R.S.	000000
	A/P Draft to State of CA	000000
	A/P Draft to I.R.S.	000000
	Voids:	32304, 32362, 32370, 32371, 32372, 32373, 32401
000854	A/P Checks:	32435-32444
	A/P Draft to P.E.R.S.	
	A/P Draft to State of CA	
	A/P Draft to I.R.S.	
	Voids:	
000855	A/P Checks:	32435-32444
	A/P Draft to P.E.R.S.	000000
	A/P Draft to State of CA	000000
	A/P Draft to I.R.S.	000000
	Voids:	32446, 32477


Denise Collin, Accounting Manager/Treasurer

Signature

Signature

Signature

VENDOR I.D.	NAME	STATUS	CHECK DATE	INVOICE AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
	C-CHECK		VOID CHECK					
	C-CHECK	V	12/19/2018			032304		
	C-CHECK	V	12/19/2018			032362		
	C-CHECK	V	12/19/2018			032370		
	C-CHECK	V	12/19/2018			032371		
	C-CHECK	V	12/19/2018			032372		
	C-CHECK	V	12/19/2018			032373		
	C-CHECK	V	12/19/2018			032401		
01287	AIRGAS SAFETY							
	C-CHECK	VOIDED	AIRGAS SAFETY	V	1/02/2019	032446		3,390.81CR
	C-CHECK	V	VOID CHECK	V	1/02/2019	032477		

* * T O T A L S * *

	NO	INVOICE AMOUNT	DISCOUNTS	CHECK AMOUNT
REGULAR CHECKS:	0	0.00	0.00	0.00
HAND CHECKS:	0	0.00	0.00	0.00
DRAFTS:	0	0.00	0.00	0.00
EFT:	0	0.00	0.00	0.00
NON CHECKS:	0	0.00	0.00	0.00
VOID CHECKS:	9	VOID DEBITS 0.00		
		VOID CREDITS 3,390.81CR		
			3,390.81CR	0.00

TOTAL ERRORS: 0

VENDOR SET: 01	BANK:	TOTALS:	NO	INVOICE AMOUNT	DISCOUNTS	CHECK AMOUNT
			9	3,390.81CR	0.00	0.00
BANK:	TOTALS:		9	3,390.81CR	0.00	0.00

VENDOR I.D.	NAME	STATUS	CHECK DATE	INVOICE AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
00049	STATE OF CALIFORNIA							
I-T2 201812311447	State Withholding	D	1/02/2019	10,680.66		000000		10,680.66
00049	STATE OF CALIFORNIA							
I-T2 201812171436	State Withholding	D	12/19/2018	10,818.87		000000		10,818.87
00128	INTERNAL REVENUE SERVICE							
I-T1 201812311447	Federal Withholding	D	1/02/2019	28,212.31		000000		
I-T3 201812311447	FICA Withholding	D	1/02/2019	32,718.22		000000		
I-T4 201812311447	Medicare Withholding	D	1/02/2019	7,651.80		000000		68,582.33
00128	INTERNAL REVENUE SERVICE							
I-T1 201812171436	Federal Withholding	D	12/19/2018	28,121.74		000000		
I-T3 201812171436	FICA Withholding	D	12/19/2018	23,936.20		000000		
I-T3 201812171437	FICA Withholding	D	12/19/2018	25.54		000000		
I-T4 201812171436	Medicare Withholding	D	12/19/2018	7,853.13		000000		
I-T4 201812171437	Medicare Withholding	D	12/19/2018	5.96		000000		59,942.57
00187	CALPERS							
I-PBB201812311447	PERS BUY BACK	D	1/02/2019	150.08		000000		
I-PBP201812311447	PERS BUY BACK	D	1/02/2019	161.96		000000		
I-PEB201812311447	PEPRA EMPLOYEES PORTION	D	1/02/2019	6,516.49		000000		
I-PEM201812311447	PERS EMPLOYEE PORTION MGMT	D	1/02/2019	2,144.40		000000		
I-PER201812311447	PERS EMPLOYEE PORTION	D	1/02/2019	6,153.70		000000		
I-PRB201812311447	PEBRA EMPLOYER PORTION	D	1/02/2019	6,068.04		000000		
I-PRB201812311448	PEBRA EMPLOYER PORTION	D	1/02/2019	1,040.71		000000		
I-PRR201812311447	PERS EMPLOYER PORTION	D	1/02/2019	9,749.11		000000		31,984.49
00187	CALPERS							
C-PRB201812171437	PEBRA EMPLOYER PORTION	D	12/19/2018	466.99CR		000000		
I-PBB201812171436	PERS BUY BACK	D	12/19/2018	150.08		000000		
I-PBP201812171436	PERS BUY BACK	D	12/19/2018	161.96		000000		
I-PEB201812171436	PEPRA EMPLOYEES PORTION	D	12/19/2018	5,381.98		000000		
I-PEB201812171437	PEPRA EMPLOYEES PORTION	D	12/19/2018	6.52		000000		
I-PEM201812171436	PERS EMPLOYEE PORTION MGMT	D	12/19/2018	2,122.29		000000		
I-PER201812171436	PERS EMPLOYEE PORTION	D	12/19/2018	6,115.13		000000		
I-PER201812171437	PERS EMPLOYEE PORTION	D	12/19/2018	2.84		000000		
I-PRB201812171436	PEBRA EMPLOYER PORTION	D	12/19/2018	5,891.67		000000		
I-PRR201812171436	PERS EMPLOYER PORTION	D	12/19/2018	9,678.91		000000		
I-PRR201812171437	PERS EMPLOYER PORTION	D	12/19/2018	8.23		000000		29,052.62
03905	Quintero Alva							
I-120418	Parking Violation Refund -LCRA	R	12/12/2018	35.00		032284		35.00

VENDOR I.D.	NAME	STATUS	CHECK DATE	INVOICE AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
01666 I-000012271693	AT & T Acct#9391064882	R	12/12/2018	1,037.31		032285		1,037.31
02667 I-32894	Digital Telecommunications Cor Phone Jack Install - BOARD	R	12/12/2018	285.00		032286		285.00
02908 I-CMW11.2.18	Gantzer Water Resources Engine HOS Operational Support - LAB	R	12/12/2018	5,000.00		032287		5,000.00
03906 I-764881	Brandon Garnsey Camping Reduction - LCRA	R	12/12/2018	15.00		032288		15.00
03907 I-764926	Roger Groves Camping Cancellation - LCRA	R	12/12/2018	115.00		032289		115.00
01270 I-Nov 18	SCOTT LEWIS Reimburse Expenses 11/18	R	12/12/2018	1,285.37		032290		1,285.37
03908 I-764879	Tamara Loper Camping Reduction - LCRA	R	12/12/2018	15.00		032291		15.00
03909 I-764877	Serenity Nichols Camping Reduction - LCRA	R	12/12/2018	15.00		032292		15.00
00163 I-206441416001	OFFICE DEPOT Mousepad - ADM	R	12/12/2018	7.19		032293		7.19
00625 I-52332719 I-52382674	OfficeTeam Admin Temp Admin Temp	R R	12/12/2018 12/12/2018	1,020.00 1,020.00		032294 032294		2,040.00
03699 I-0075739	Ojai Valley Imports Electric Cooling Fan - Unit 4	R	12/12/2018	280.74		032295		280.74
03651 I-INV-0551	Rincon LLC PR Professional Services -MGMT	R	12/12/2018	4,475.00		032296		4,475.00
03491 I-715464	Ilene Scandlyn Camping Cancellation - LCRA	R	12/12/2018	332.00		032297		332.00
00215 I-121118	SOUTHERN CALIFORNIA EDISON Acct#2397969643	R	12/12/2018	16,991.41		032298		16,991.41

VENDOR I.D.	NAME	STATUS	CHECK DATE	INVOICE AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
02643	Take Care by WageWorks							
I-8270380	Reimburse Med/Dep Care	R	12/12/2018	192.31		032299		
I-8282771	Reimburse Med/Dep Care	R	12/12/2018	1,310.00		032299		1,502.31
00250	COUNTY OF VENTURA							
I-IN0183257	Fuel Tank Permits - LCRA	R	12/12/2018	3,479.42		032300		3,479.42
02587	A&M LAWNMOWER SHOP							
I-47153	Chain Saw Repair - LCRA	R	12/19/2018	383.76		032301		383.76
00010	AIRGAS USA LLC							
I-9958228448	Gas Cylinder Rentals - PL	R	12/19/2018	198.15		032302		198.15
03044	Amazon Capital Services							
C-13GJ-M9L9-491Nb	Accrue Use Tax	R	12/19/2018	0.72CR		032303		
C-17T3-76N6-LYTMb	Accrue Use Tax	R	12/19/2018	17.32CR		032303		
C-1917-4JKH-CDKQb	Accrue Use Tax	R	12/19/2018	16.22CR		032303		
C-1HC6-TPGX-49T1b	Accrue Use Tax	R	12/19/2018	4.35CR		032303		
C-1LJ3-PRYY-CPRRb	Accrue Use Tax	R	12/19/2018	0.94CR		032303		
C-1RQQ-6WWD-Q471b	Accrue Use Tax	R	12/19/2018	2.59CR		032303		
D-13GJ-M9L9-491Na	Accrue Use Tax	R	12/19/2018	0.72		032303		
D-17T3-76N6-LYTMa	Accrue Use Tax	R	12/19/2018	17.32		032303		
D-1917-4JKH-CDKQa	Accrue Use Tax	R	12/19/2018	16.22		032303		
D-1HC6-TPGX-49T1a	Accrue Use Tax	R	12/19/2018	4.35		032303		
D-1LJ3-PRYY-CPRRa	Accrue Use Tax	R	12/19/2018	0.94		032303		
D-1RQQ-6WWD-Q471a	Accrue Use Tax	R	12/19/2018	2.59		032303		
I-13GJ-M9L9-491N	Oil Filter - Unit 117	R	12/19/2018	9.99		032303		
I-13GJ-M9L9-VR79	Shop Vac - MAINT	R	12/19/2018	117.96		032303		
I-17T3-76N6-LYTM	Loop Detectors - LCRA	R	12/19/2018	238.91		032303		
I-1917-4JKH-CDKQ	Samsung Tablet - EM	R	12/19/2018	223.74		032303		
I-1HC6-TPGX-49T1	Power Adapters - EM	R	12/19/2018	59.97		032303		
I-1LJ3-PRYY-CPRR	Desk Organizer - ADM	R	12/19/2018	12.99		032303		
I-1Q6H-H9TC-LM9M	Water Bottle Filter - WHS	R	12/19/2018	66.26		032303		
I-1RQQ-6WWD-Q471	Remote Control Switch - WHS	R	12/19/2018	35.70		032303		765.52
00836	AMERICAN RED CROSS							
I-22150391	Pathogens Training - LCRA	R	12/19/2018	36.00		032305		36.00
02211	American Society of Safety Eng							
I-1001504361	ASSP Membership Dues - SAF	R	12/19/2018	220.00		032306		220.00
00014	AQUA-FLO SUPPLY							
I-SI1300943	Hand Pump - PL	R	12/19/2018	65.21		032307		
I-SI1301475	Insulation & Cable - EM	R	12/19/2018	29.05		032307		
I-SI1302286	PVC Fittings - PL	R	12/19/2018	39.48		032307		
I-SI1302827	Hand Pump - TP	R	12/19/2018	34.24		032307		167.98

VENDOR I.D.	NAME	STATUS	CHECK DATE	INVOICE AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
01323	ARGO CHEMICAL INC Ammonia Solution - TP	R	12/19/2018	2,287.89		032308		2,287.89
01666	AT & T Acct#9391051740	R	12/19/2018	1,044.66		032309		1,044.66
01666	AT & T Logal, Regional, Long Distance	R	12/19/2018	1,234.77		032310		1,234.77
00021	AWA OF VENTURA COUNTY Waterwise Breakfast 11/15/18	R	12/19/2018	150.00		032311		150.00
00030	B&R TOOL AND SUPPLY CO Rechargeable Head Light - PL	R	12/19/2018	121.73		032312		
	I-1900923161 Marking Paint & Flashlight -TP	R	12/19/2018	77.77		032312		
	I-1900923646 Terry Cloth Rags - WHS	R	12/19/2018	415.51		032312		
	I-1900923937 Ratchets & Sockets - UT	R	12/19/2018	91.95		032312		706.96
00032	BIOVIR LABORATORIES, INC Giardia/Crypto Test 11/14/18	R	12/19/2018	365.00		032313		365.00
03207	BMI PacWest Inc. AC Repair - ADM	R	12/19/2018	1,031.75		032314		
	I-011131 AC Service DO 12/18	R	12/19/2018	559.00		032314		1,590.75
01062	BP Medical Supplies Accrue Use Tax	R	12/19/2018	5.58CR		032315		
	D-E288101a Accrue Use Tax	R	12/19/2018	5.58		032315		
	I-E288101 Infant/Child Smard Pads - WP	R	12/19/2018	77.00		032315		77.00
03059	Brenntag Pacific Inc. Chlorine for Ojai Sys. - TP	R	12/19/2018	1,090.70		032316		1,090.70
02983	Cal-Western Weed Control, Inc. Dam Spraying - MAINT	R	12/19/2018	3,000.00		032317		3,000.00
03702	Cannon Corporation Valves & App Ventura st. - ENG	R	12/19/2018	15,252.18		032318		
	I-67545-R Valves & App Ventura st. - ENG	R	12/19/2018	4,161.00		032318		19,413.18
00055	CASITAS BOAT RENTALS Pontoon Rental - LAB/TP	R	12/19/2018	260.00		032319		260.00

VENDOR I.D.	NAME	STATUS	CHECK DATE	INVOICE AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
00511	Centers for Family Health							
I-82970	Drug Screening - UT	R	12/19/2018	85.00		032320		85.00
03021	Central Communications							
I-181203147101	Call Center 12/18	R	12/19/2018	180.83		032321		180.83
02100	Clean Lakes, Inc.							
I-5657	SIP Evaluation - LAB	R	12/19/2018	4,600.00		032322		4,600.00
00061	COMPUWAVE							
I-SB02091380	Adobe Software - CONS	R	12/19/2018	348.00		032323		
I-SB02091543	Printer - ADM	R	12/19/2018	634.92		032323		982.92
00062	CONSOLIDATED ELECTRICAL							
I-9009-783176	AB Control Logix PLC - TP/EM	R	12/19/2018	14,568.15		032324		
I-9009-783302	AB Analag Input Card - EM	R	12/19/2018	1,200.11		032324		
I-9009-783328	Screw Clamp Block - EM	R	12/19/2018	201.56		032324		15,969.82
02115	Consumers Pipe Supply Co.							
I-S1401498.001	Rincon PP Butterfly Valve - EM	R	12/19/2018	8,809.08		032325		8,809.08
00719	CORELOGIC INFORMATION SOLUTION							
I-81931302	Realquest Subscription	R	12/19/2018	137.50		032326		137.50
00296	CUMMINS PACIFIC, LLC							
I-X3-99724	Heidelberg Generator Repair-EM	R	12/19/2018	379.16		032327		379.16
01001	CUSTOM PRINTING							
I-150704	Security Window Envelopes -ADM	R	12/19/2018	674.60		032328		674.60
01764	DataProse, LLC							
I-DP1803761	UB Mailing 10/18	R	12/19/2018	3,315.96		032329		3,315.96
02480	David Taussig & Associates, In							
I-1811120	D18-00115 CFD Tax Admin	R	12/19/2018	1,106.22		032330		1,106.22
00740	DELL MARKETING L.P.							
I-10286809669	Computer & Monitor - ADM	R	12/19/2018	1,171.16		032331		1,171.16
03517	Department of Industrial Relat							
I-OSIP65538	Workers Comp Assesments	R	12/19/2018	828.94		032332		828.94
02873	DK Fleet Inc.							
I-4511	DOT Inspection - Unit 80	R	12/19/2018	95.00		032333		
I-4514	DOT Inspection - Unit 87	R	12/19/2018	200.00		032333		
I-4520	DOT Inspection&Lights -Unit 55	R	12/19/2018	95.00		032333		390.00

VENDOR I.D.	NAME	STATUS	CHECK DATE	INVOICE AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
03910	DoiT International USA, INC							
I-EI188001286	G-Suite for Business 10/18	R	12/19/2018	507.15		032334		
I-EI188001391	G-Suite for Business 11/18	R	12/19/2018	1,060.00		032334		1,567.15
00086	E.J. Harrison & Sons Inc							
I-542	Acct#500139629	R	12/19/2018	1,585.47		032335		1,585.47
00488	ELECTRONIC SYSTEMS TECHNOLOGY							
C-32675b	Accrue Use Tax	R	12/19/2018	16.68CR		032336		
D-32675a	Accrue Use Tax	R	12/19/2018	16.68		032336		
I-32675	SCADA Antenna Cables - EM	R	12/19/2018	245.87		032336		245.87
02982	Joe Evans							
I-Dec 18	Reimburse Expenses 12/18	R	12/19/2018	100.00		032337		100.00
00095	FAMCON PIPE & SUPPLY							
I-214013	Saddle - PL	R	12/19/2018	105.11		032338		
I-214168	Flanges & Bolts - PL	R	12/19/2018	74.00		032338		
I-214169	Macro Couplings - PL	R	12/19/2018	840.84		032338		
I-214243	Flange - PL	R	12/19/2018	64.35		032338		
I-214343	Shovels & Fittings - PL	R	12/19/2018	2,410.98		032338		
I-214344	Fittings, Couplings, Bolts -PL	R	12/19/2018	1,499.36		032338		
I-214403	Bolts & Saddle - PL	R	12/19/2018	525.53		032338		5,520.17
00013	FERGUSON ENTERPRISES INC							
I-0657533	Hard Hats - UT	R	12/19/2018	86.19		032339		86.19
00099	FGL ENVIRONMENTAL							
I-814412A	Manganese Monitoring 10/30/18	R	12/19/2018	105.00		032340		
I-814595A	THM/HAA5 Monitoring 11/1/18	R	12/19/2018	817.00		032340		
I-814743A	OWS Water Quality Testing -LAB	R	12/19/2018	238.00		032340		
I-814744A	Manganese Monitoring 11/6/18	R	12/19/2018	45.00		032340		
I-815039A	Nitrate Monitoring 11/13/18	R	12/19/2018	43.00		032340		
I-815388A	Nitrate Monitoring 11/20/18	R	12/19/2018	43.00		032340		1,291.00
03116	FieldLogix							
I-147559	Vehicle GPS Monitoring - GAR	R	12/19/2018	114.75		032341		114.75
00101	FISHER SCIENTIFIC							
I-2747332	Pipets - LAB	R	12/19/2018	134.48		032342		
I-3174802	EC Standard - LAB	R	12/19/2018	213.38		032342		
I-4956692	Petri Dishes & Agar - LAB	R	12/19/2018	153.08		032342		500.94

VENDOR I.D.	NAME	STATUS	CHECK DATE	INVOICE AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
02614	Fondriest Environmental Inc. Water Level Indicator - TP	R	12/19/2018	672.60		032343		672.60
00104	FRED'S TIRE MAN Oil Service - Unit 53	R	12/19/2018	47.83		032344		47.83
00106	FRONTIER PAINT Lazy River Paint - WP	R	12/19/2018	83.63		032345		83.63
01280	FRY'S ELECTRONICS, INC. Mouse & Flash Drives - LCRA/TP	R	12/19/2018	67.83		032346		
	I-7283935a Monitors - IT/ENG	R	12/19/2018	553.19		032346		
	I-7292522 USB's & Batteries - IT/LCRA	R	12/19/2018	43.83		032346		
	I-7301304 Monitor & Printer - MAINT	R	12/19/2018	349.72		032346		
	I-7316302 SSD Memory Card - TP	R	12/19/2018	63.56		032346		1,078.13
02720	Garda CL West, Inc. Armored Truck Service	R	12/19/2018	731.40		032347		731.40
02835	Global Equipment Co., Inc. 3 Phase Motor - TP	R	12/19/2018	457.89		032348		457.89
00115	GRAINGER, INC Carpeted Runner - WP	R	12/19/2018	113.80		032349		
	I-9024013949 Boot Brush - DO	R	12/19/2018	39.75		032349		
	I-9024825433 Boot Brush - TP	R	12/19/2018	39.75		032349		
	I-9027595876 Towel Dispenser - ADM	R	12/19/2018	59.81		032349		253.11
02217	Greg Rents Jumping Jack Tamper - PL	R	12/19/2018	193.05		032350		193.05
00121	HACH COMPANY Reagent Set - LAB	R	12/19/2018	143.88		032351		
	I-11244139 EC Standard Solution - LAB	R	12/19/2018	96.57		032351		240.45
01052	HARBOR FREIGHT TOOLS USA, INC Gardening Tools - LCRA	R	12/19/2018	90.40		032352		90.40
00369	HARRINGTON INDUSTRIAL PLASTICS Pipe Spool Return - TP	R	12/19/2018	1,466.33CR		032353		
	I-013A6475 PVC Parts - TP	R	12/19/2018	1,579.43		032353		113.10
03700	HDR Engineering, Inc. Camp Chafee Pipeline Phase 1	R	12/19/2018	2,147.50		032354		
	I-1200160286 Camp Chafee Pipeline Phase 2	R	12/19/2018	17,101.25		032354		19,248.75

VENDOR I.D.	NAME	STATUS	CHECK DATE	INVOICE AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
00437	HERC RENTALS INC							
I-30239017-003	Tractor Loader Rental - MAINT	R	12/19/2018	1,956.00		032355		1,956.00
00596	HOME DEPOT							
I-1901063	Shelving for San Antonio Plant	R	12/19/2018	740.24		032356		
I-1901082	Retaining Wall Blocks - WP	R	12/19/2018	1,435.36		032356		
I-8804089	Dewalt Kit - LCRA	R	12/19/2018	812.96		032356		2,988.56
02288	Hopkins Technical Products, In							
C-3618301320	Backwash Pump Parts Return- EM	R	12/19/2018	438.66CR		032357		
I-3618301336	Sigma Pump End - TP	R	12/19/2018	710.15		032357		271.49
00125	IDEXX DISTRIBUTION CORP							
I-3040097594	Colilert Test Kit - LAB	R	12/19/2018	921.39		032358		921.39
03790	Ingersoll Rand							
I-24669915	Lubricant - EM	R	12/19/2018	660.88		032359		
I-24671212	Air Compressor - EM	R	12/19/2018	16,897.24		032359		17,558.12
00872	Irrisoft, Inc.							
I-6468	Weather Station Signal	R	12/19/2018	79.00		032360		79.00
09910	J.W. ENTERPRISES							
I-304930	CT Pumping - AVE 1 PP	R	12/19/2018	78.75		032361		
I-304931	CT Pumping - VILLANOVA RES.	R	12/19/2018	78.75		032361		
I-304932	CT Pumping - FAIRWAY LN	R	12/19/2018	78.75		032361		
I-304933	CT Pumping - 4M PP	R	12/19/2018	78.75		032361		
I-304934	CT Pumping - GRAND AVE	R	12/19/2018	78.75		032361		
I-304935	CT Pumping - 4M RES	R	12/19/2018	78.75		032361		
I-304936	CT Pumping - SAN ANTONIO	R	12/19/2018	157.50		032361		
I-304937	CT Pumping - UPPER OJAI RES	R	12/19/2018	78.75		032361		
I-304938	CT Pumping - 3M PUMP	R	12/19/2018	78.75		032361		
I-304939	CT Pumping - SIGNAL RES	R	12/19/2018	78.75		032361		
I-304940	CT Pumping - FAIRVIEW RES	R	12/19/2018	78.75		032361		
I-304941	CT Pumping - CASITAS DAM	R	12/19/2018	78.75		032361		
I-304942	CT Pumping - RINCON TANK	R	12/19/2018	78.75		032361		
I-304943	CT Pumping - BATES RD	R	12/19/2018	78.75		032361		1,181.25
02344	Janitek Cleaning Solutions							
I-32744A	Janitorial Services - DO	R	12/19/2018	1,787.50		032363		1,787.50
00131	JCI JONES CHEMICALS, INC							
I-775762	Chlorine - TP, CM 775776	R	12/19/2018	1,650.00		032364		1,650.00

VENDOR SET: 01 Casitas Municipal Water D
 BANK: AP ACCOUNTS PAYABLE
 DATE RANGE: 12/06/2018 THRU 1/02/2019

VENDOR I.D.	NAME	STATUS	CHECK DATE	INVOICE AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
01022	KELLY CLEANING & SUPPLIES, INC							
I-45288501	Janitorial Services - LCRA	R	12/19/2018	280.00		032365		280.00
00360	LESLIE'S POOL SUPPLIES, INC							
I-142-002-10086	Small Chemicals - WP	R	12/19/2018	71.03		032366		
I-142-002-10242	Small Chemicals - WP	R	12/19/2018	560.57		032366		631.60
03484	Mario Mariscal							
I-121418	Cla-Val Workshop Advance	R	12/19/2018	315.00		032367		315.00
00497	SUSAN McMAHON							
I-121018	T3 Renewal	R	12/19/2018	90.00		032368		90.00
00151	MEINERS OAKS ACE HARDWARE							
C-854469	Gutter Return - LCRA	R	12/19/2018	9.64CR		032369		
I-850118	Cement - PL	R	12/19/2018	197.13		032369		
I-850619	Cement & Batteries - PL	R	12/19/2018	424.86		032369		
I-854051	Blade, Flanges, Bolts - LCRA	R	12/19/2018	110.99		032369		
I-854465	Tubes, Gutters, Brackets -LCRA	R	12/19/2018	149.05		032369		
I-854622	Portable Air Compressor - EM	R	12/19/2018	211.77		032369		
I-854733	Glue Weld - TP	R	12/19/2018	56.23		032369		
I-854897	Batteries & Grinder - LCRA	R	12/19/2018	74.65		032369		
I-854900	Grinder Kit & Batteries - LCRA	R	12/19/2018	506.19		032369		
I-854955	Plunger & Auger - PL	R	12/19/2018	43.10		032369		
I-855068	Blue Tarp - TP	R	12/19/2018	4.48		032369		
I-855223	Bolts & Screws - EM	R	12/19/2018	9.44		032369		
I-855258	Spraypaint - FISH	R	12/19/2018	16.17		032369		
I-855339	Brace, Bolts, Screws - WP	R	12/19/2018	76.23		032369		
I-855556	Brass Fittings & Drill - ENG	R	12/19/2018	29.73		032369		
I-855619	Nut Drive Set - MAINT	R	12/19/2018	15.60		032369		
I-855673	Drycrete & Fast Set - PL	R	12/19/2018	72.59		032369		
I-855716	Caulk - LCRA	R	12/19/2018	6.82		032369		
I-855726	Paint, Outlet Box, Cables-LCRA	R	12/19/2018	65.75		032369		
I-855855	Light Dimmer - LCRA	R	12/19/2018	25.36		032369		
I-855907	Caulk & Connectors - LCRA	R	12/19/2018	14.81		032369		
I-855908	Light Dimmer - LCRA	R	12/19/2018	25.36		032369		
I-855995	Air Hose - MAINT	R	12/19/2018	20.48		032369		
I-856061	Rain Gear - LCRA	R	12/19/2018	88.49		032369		
I-856127	Fittings - MAINT	R	12/19/2018	7.69		032369		
I-856191	Fittings - LCRA	R	12/19/2018	9.74		032369		
I-856239	Pliers, Bolts, Screws - TP	R	12/19/2018	44.81		032369		
I-856259	Fittings, Valve, Adapters-LCRA	R	12/19/2018	81.33		032369		
I-856286	Multi Tool - UT	R	12/19/2018	14.63		032369		
I-856329	Rebar, Pipe, Concrete - LCRA	R	12/19/2018	44.30		032369		
I-856351	Washers, Bolts, Screws - WP	R	12/19/2018	55.27		032369		
I-856565	Padlocks - MAINT	R	12/19/2018	48.77		032369		
I-856578	Bolts & Screws - EM	R	12/19/2018	9.12		032369		
I-856586	Cement, Adapters, Fittings- FISH	R	12/19/2018	8.56		032369		

VENDOR I.D.	NAME	STATUS	CHECK DATE	INVOICE AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
	I-856648	Padlocks - MAINT	R 12/19/2018	58.52		032369		
	I-856790	Cement, Adapters, Bolts - EM	R 12/19/2018	8.56		032369		
	I-856792	Locknut - EM	R 12/19/2018	0.77		032369		
	I-856819	Connectors, Cables - LCRA	R 12/19/2018	16.48		032369		
	I-856868	Blades, Batteries, Clamps-FISH	R 12/19/2018	34.53		032369		
	I-856882	Ratchet & Headlight - UT	R 12/19/2018	64.38		032369		
	I-856883	Batteries & Shovel - UT	R 12/19/2018	45.26		032369		
	I-856889	Pressure Treated Wood - MAINT	R 12/19/2018	34.06		032369		
	I-856961	Cut Key & Hex Box - MAINT	R 12/19/2018	47.64		032369		
	I-856978	Adapters & Fittings - FISH	R 12/19/2018	8.92		032369		
	I-857040	Cable Ties, Hooks, Cords -LCRA	R 12/19/2018	34.82		032369		
	I-857063	Cable Lug - LCRA	R 12/19/2018	4.87		032369		
	I-857209	GLoves, Headlight, Weeder - UT	R 12/19/2018	64.64		032369		
	I-857349	Rebar - LCRA	R 12/19/2018	142.21		032369		3,125.52
03815	I-121418	Luis Mejia Cla-Val Workshop Advance	R 12/19/2018	315.00		032374		315.00
03724	I-5022	Michael K. Nunley & Associates Engineering Services -Proj 424	R 12/19/2018	1,630.50		032375		
	I-5023	Engineering Services -Proj.430	R 12/19/2018	1,597.50		032375		
	I-5042	Engineering Serv.-Proj.421/422	R 12/19/2018	6,526.79		032375		9,754.79
03911	I-121218	Jerrold & Barbara Mink Inspection Fee Refund	R 12/19/2018	250.00		032376		250.00
03444	I-508823000	Mission Linen Supply Uniform Pants - TP	R 12/19/2018	28.43		032377		28.43
03701	I-71403	MNS Engineers, Inc. Arc Flash Hazard Analysis -ENG	R 12/19/2018	95.00		032378		
	I-71404	Vegetation Removal Permits-ENG	R 12/19/2018	2,528.14		032378		
	I-71405	Sunset Pipeline Replace - ENG	R 12/19/2018	4,742.45		032378		
	I-71406	Upper Rincon Lateral - ENG	R 12/19/2018	8,906.78		032378		
	I-71407	Wellfield Pipe Replace - ENG	R 12/19/2018	5,718.03		032378		
	I-71408	Timber Cutoff Wall - ENG	R 12/19/2018	1,396.47		032378		
	I-71409	Old Creek Rd.Pipe Relocate-ENG	R 12/19/2018	5,646.57		032378		29,033.44
03508	I-2644	NTT Industrial Supply, Inc. Cutting Tip - EM	R 12/19/2018	20.48		032379		20.48
02185	I-113018-2	Oasis Technology Inc. SCADA Support 11/19-12/2	R 12/19/2018	6,000.00		032380		6,000.00

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00163	OFFICE DEPOT							
I-234917018001	T-Pins - ADM	R	12/19/2018	14.78		032381		
I-244925635001	Paper & Boxes - ADM	R	12/19/2018	113.36		032381		128.14
01570	Ojai Auto Supply							
C-450962	Brake Hose Returns - Unit 29	R	12/19/2018	0.17CR		032382		
I-450198	Oil - Unit 55	R	12/19/2018	114.93		032382		
I-450682	Brake Hoses - Unit 29	R	12/19/2018	42.56		032382		
I-450802	Grommets, Hoses - Unit 29	R	12/19/2018	28.57		032382		185.89
00881	OJAI DOOR & WINDOW							
I-18218	Door Latch - LCRA	R	12/19/2018	847.28		032383		847.28
00165	OJAI LUMBER CO, INC							
I-1811-902897	Ratchet and Hose - PL	R	12/19/2018	25.06		032384		
I-1812-903528	Plywood - UT	R	12/19/2018	123.96		032384		
I-1812-903610	Cedar Siding - LCRA	R	12/19/2018	429.31		032384		
I-1812-903621	Stepladder - UT	R	12/19/2018	106.17		032384		
I-1812-903630	Bolts, Washers, Drill Bit - UT	R	12/19/2018	34.87		032384		
I-1812-903642	Plywood & Marker - UT	R	12/19/2018	332.95		032384		
I-1812-903752	Lumber - LCRA	R	12/19/2018	84.95		032384		
I-1812-904595	Braid Rope - MAINT	R	12/19/2018	32.60		032384		1,169.87
00168	OJAI VALLEY NEWS							
I-300027060	Hearing Stage 4 Ad 11/30/18	R	12/19/2018	17.50		032385		
I-300027192	Winter Visitors Guide - CONS	R	12/19/2018	350.00		032385		
I-300027288	Hearing Stage 4 Ad 12/7/18	R	12/19/2018	14.00		032385		381.50
02917	Ojai Valley Organics							
I-32914	Green Waste Pickup - MAINT	R	12/19/2018	23.00		032386		23.00
00169	OJAI VALLEY SANITARY DISTRICT							
I-20753	Cust # 20594	R	12/19/2018	168.42		032387		
I-20828	Cust # 52921	R	12/19/2018	56.14		032387		224.56
00947	CITY OF OJAI							
I-121418	Encroachment Permits	R	12/19/2018	1,265.00		032388		1,265.00
00959	PERIMETER SECURITY SYSTEMS							
I-305044	Emergency Gate Repair - LCRA	R	12/19/2018	158.84		032389		158.84
00188	PETTY CASH							
I-121718	Replenish Petty Cash - DO	R	12/19/2018	472.99		032390		472.99

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02187	Pitney Bowes Inc							
I-1010540601	Quarterly Postage Maintenance	R	12/19/2018	112.61		032391		112.61
00627	PORT SUPPLY							
I-007772	Rain Gear - PL	R	12/19/2018	207.94		032392		
I-008409	Rain Gear - PL	R	12/19/2018	240.24		032392		448.18
03287	Porta-Stor							
I-285075	Storage Container 11/8-12/7	R	12/19/2018	110.00		032393		110.00
00184	POWERSTRIDE BATTERY CO, INC							
I-V598800	Battery - Unit 34	R	12/19/2018	60.00		032394		60.00
02833	Praxair, Inc							
I-86351316	Liquid Oxygen - TP	R	12/19/2018	2,185.39		032395		2,185.39
01439	PRECISION POWER EQUIPMENT							
I-2413	Gas & Oil Caps - MAINT	R	12/19/2018	16.08		032396		
I-2423	Weed Eater Repair - MAINT	R	12/19/2018	118.51		032396		134.59
02936	Priority Safety Services, LLC							
I-2018-1270	Respirator Fit Testing - WP	R	12/19/2018	80.00		032397		80.00
10042	PSR ENVIRONMENTAL SERVICE, INC							
I-9036	Gas Tank Inspection - DO	R	12/19/2018	220.00		032398		
I-9037	Gas Tank Inspection - LCRA	R	12/19/2018	220.00		032398		440.00
03554	J. Harris Industrial Water Tre							
I-1680896	Water Softner Service - WP	R	12/19/2018	84.75		032399		84.75
00313	ROCK LONG'S AUTOMOTIVE							
I-25289	Oil Service & Battery -Unit 42	R	12/19/2018	766.84		032400		
I-25395	Smog Inspection - Unit 8	R	12/19/2018	44.75		032400		
I-25403	Smog Inspection - Unit 43	R	12/19/2018	44.75		032400		
I-25406	Smog Inspection - Unit 31	R	12/19/2018	44.75		032400		
I-25408	Smog Inspection - Unit 22	R	12/19/2018	44.75		032400		
I-25418	Smog Inspection - Unit 13	R	12/19/2018	44.75		032400		
I-25419	Smog Inspection - Unit 20	R	12/19/2018	44.75		032400		
I-25421	Smog Inspection - Unit 39	R	12/19/2018	44.75		032400		
I-25422	Smog Inspection - Unit 55	R	12/19/2018	64.75		032400		
I-25430	Smog Inspection - Unit 19	R	12/19/2018	64.75		032400		
I-25433	Smog Inspection - Unit 24	R	12/19/2018	64.75		032400		
I-25442	Smog Inspection - Unit 29	R	12/19/2018	44.75		032400		
I-25445	Smog Inspection - Unit 54	R	12/19/2018	64.75		032400		
I-25467	Tire Pressure Check - Unit 11	R	12/19/2018	74.75		032400		
I-25480	Smog Inspection - Unit 16	R	12/19/2018	44.75		032400		
I-25500	Smog Inspection - Unit 32	R	12/19/2018	189.75		032400		1,733.09

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00197	ROTO-ROOTER PLUMBERS							
I-AB2918014	Cleanout Sewer Drain - MAINT	R	12/19/2018	229.75		032402		229.75
03912	Chris Rush							
I-767140	Camping Cancellation - LCRA	R	12/19/2018	95.00		032403		95.00
01109	SALVADOR LOERA TRANSPORTATION							
I-12022	Rock - PL	R	12/19/2018	725.00		032404		
I-12025	Rock - PL	R	12/19/2018	725.00		032404		
I-12029	Fill Sand - PL	R	12/19/2018	373.05		032404		
I-12032	Rock - PL	R	12/19/2018	725.00		032404		
I-12033	Fill Sand - PL	R	12/19/2018	373.05		032404		
I-12034	Fill Sand - PL	R	12/19/2018	423.05		032404		
I-15529	Fill Sand - PL	R	12/19/2018	507.42		032404		
I-15530	Rock - PL	R	12/19/2018	725.00		032404		4,576.57
02756	SC Fuels							
I-1321140-IN	Gas & Diesel - LCRA	R	12/19/2018	2,934.44		032405		
I-1325031-IN	Gas - DO	R	12/19/2018	3,523.67		032405		6,458.11
02198	SIEMENS INDUSTRY, INC.							
I-5603009143	Sitrans Probe - EM	R	12/19/2018	2,366.79		032406		2,366.79
00725	SMART & FINAL							
I-050275	Break Room Supplies - LCRA	R	12/19/2018	81.45		032407		81.45
00608	SMITH PIPE & SUPPLY INC.							
I-3380079	Round Up - MAINT	R	12/19/2018	1,584.14		032408		1,584.14
02770	Stoner's One Off Customs							
I-1510	Oil Service&Battery -Unit 9394	R	12/19/2018	399.14		032409		
I-1528	Starter Generator - Unit EZ1	R	12/19/2018	498.86		032409		898.00
02003	Sostre Enterprises Inc.							
I-3652	Website/CMS Fee Hosting	R	12/19/2018	249.00		032410		249.00
02202	Stanley Pest Control							
I-104415	Monthly Pest Control - LCRA	R	12/19/2018	170.00		032411		170.00
00767	STATE WATER RESOURCES CONTROL							
I-WD-0142458	Aquatic Weed Permit - LAB	R	12/19/2018	2,268.00		032412		2,268.00
02703	Sunbelt Rentals							
I-84382704-0001	Backhoe Rental - PL	R	12/19/2018	1,243.36		032413		
I-84550123-0001	Ditch Compactor Rental - PL	R	12/19/2018	122.44		032413		1,365.80

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03003	Stephen Taylor							
I-121318	Claim#1102WC170000001	R	12/19/2018	338.52		032414		338.52
02840	Techstone Inc.							
I-13391	Concrete Overlay Lakeside-LCRA	R	12/19/2018	189.70		032415		189.70
01959	The Wharf							
I-120118	Safety Boots - OM	R	12/19/2018	331.52		032416		331.52
00364	TRI-COUNTY OFFICE FURNITURE							
I-137204	Desks & Storage - LCRA	R	12/19/2018	2,555.57		032417		
I-137205	Pencil Drawer Organizer - LCRA	R	12/19/2018	53.60		032417		2,609.17
01662	TYLER TECHNOLOGIES, INC.							
I-025-241840	Monthly UB Online Fees	R	12/19/2018	153.00		032418		153.00
00225	UNDERGROUND SERVICE ALERT							
I-1120180090	104 New Ticket Charges	R	12/19/2018	181.60		032419		181.60
01291	Ventura County Star							
I-121718	12 Month Subscription	R	12/19/2018	591.54		032420		591.54
00258	VENTURA STEEL, INC							
I-217231	Floor Plate & Channel - PL	R	12/19/2018	1,231.23		032421		1,231.23
09955	VENTURA WHOLESALE ELECTRIC							
I-177485	Matilija Bubbler Replace - ENG	R	12/19/2018	84.48		032422		
I-177663	Solar Lighting - LCRA	R	12/19/2018	401.20		032422		
I-239007	Solar Lighting Lakeside - LCRA	R	12/19/2018	88.62		032422		
I-239110	Sensor - LCRA	R	12/19/2018	310.22		032422		884.52
01283	Verizon Wireless							
I-9819620243	Monthly Cell Charge - LCRA	R	12/19/2018	739.32		032423		
I-9819679738	Monthly Cell Charges - DO	R	12/19/2018	3,724.41		032423		4,463.73
03777	Water Quality & Treatment Solu							
I-18-2893	Disinfection By-Products - LAB	R	12/19/2018	4,430.00		032424		4,430.00
00536	Water Resource Engr Associates							
I-3052-16	Recheck FS 299 Status - ENG	R	12/19/2018	3,675.50		032425		
I-3052-17	HOBO to VERBO Plans - ENG	R	12/19/2018	8,344.50		032425		12,020.00
02979	WaterWisePro Training							
I-112618	Water Distribution Refresher	R	12/19/2018	1,800.00		032426		1,800.00

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00663	WAXIE SANITARY SUPPLY I-77905045 Janitorial Supplies - ADM	R	12/19/2018	528.88		032427		528.88
00264	WEIL AQUATRONICS, INC I-88804 Sump Pump Well - TP	R	12/19/2018	4,251.96		032428		4,251.96
00403	WESTERN WATER WORKS SUPPLY CO. I-512401-00 Fittings - ADM, CM 512342-00	R	12/19/2018	53.09		032429		53.09
00330	WHITE CAP CONSTRUCTION SUPPLY I-50009383540 Gloves, Harness, Vest - UT	R	12/19/2018	158.79		032430		158.79
00102	FRANCHISE TAX BOARD C-G03201812031433 FRANCHISE TAX BOARD I-G03201812171436 Payroll Deduction	R R	12/19/2018 12/19/2018	260.04CR 513.34		032431 032431		253.30
00124	ICMA RETIREMENT TRUST - 457 I-DCI201812171436 DEFERRED COMP FLAT I-DI%201812171436 DEFERRED COMP PERCENT	R R	12/19/2018 12/19/2018	575.00 188.59		032432 032432		763.59
00985	NATIONWIDE RETIREMENT SOLUTION I-CUN201812171436 457 CATCH UP I-DCN201812171436 DEFERRED COMP FLAT I-DN%201812171436 DEFERRED COMP PERCENT	R R R	12/19/2018 12/19/2018 12/19/2018	230.75 5,265.25 2,900.74		032433 032433 032433		8,396.74
00180	S.E.I.U. - LOCAL 721 I-COP201812171436 SEIU 721 COPE I-UND201812171436 UNION DUES	R R	12/19/2018 12/19/2018	40.00 791.75		032434 032434		831.75
01666	AT & T I-000012367741 Acct#9391035541	R	12/26/2018	494.01		032435		494.01
02283	Mary Bergen I-Nov 18 Reimburse Mileage 11/18 I-Oct 18 Reimburse Mileage 10/18	R R	12/26/2018 12/26/2018	26.76 12.10		032436 032436		38.86
01186	GERARDO M HERRERA I-122118 Reimburse Expenses 12/18	R	12/26/2018	350.04		032437		350.04
03914	Louis Hodge I-768523 Camping Cancellation - LCRA	R	12/26/2018	289.00		032438		289.00
03913	Eric Lane I-Dec 18 Hard Drive - EM	R	12/26/2018	159.46		032439		159.46

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02129	Tracy Medeiros							
I-121718	Workers Comp 1102WC180000001	R	12/26/2018	3,346.23		032440		3,346.23
00625	OfficeTeam							
I-52434410	Admin Temp	R	12/26/2018	1,020.00		032441		1,020.00
00215	SOUTHERN CALIFORNIA EDISON							
I-122118	Acct#2237011044	R	12/26/2018	27.69		032442		
I-122118a	Acct#2266156405	R	12/26/2018	174.11		032442		
I-122118b	Acct#2157697889	R	12/26/2018	647.74		032442		
I-122618a	Acct#2237011044	R	12/26/2018	29.29		032442		
I-122618b	Acct#2312811532	R	12/26/2018	152.57		032442		1,031.40
02643	Take Care by WageWorks							
I-8310759	Reimburse Med/Dep Care	R	12/26/2018	4,807.50		032443		
I-8327110	Reimburse Med/Dep Care	R	12/26/2018	2,097.00		032443		
I-8334174	Reimburse Med/Dep Care	R	12/26/2018	681.87		032443		7,586.37
02583	WageWorks							
I-INV1102018	FSA Monthly Admin Fee	R	12/26/2018	175.00		032444		175.00
02129	Tracy Medeiros							
I-123118	Workers Comp 1102WC180000001	R	12/31/2018	2,129.42		032445		2,129.42
00010	AIRGAS USA LLC							
I-9083727344	Welding Cart - PL	R	1/02/2019	538.30		032447		538.30
00014	AQUA-FLO SUPPLY							
I-SI1310288	Conduit, Adapters, PVC - LCRA	R	1/02/2019	1,845.82		032448		1,845.82
02179	Art Street Interactive							
I-1584	Res. Sys. Web Hosting/Maint.	R	1/02/2019	542.15		032449		542.15
01666	AT & T							
I-000012384747	Acct#9391062398	R	1/02/2019	107.91		032450		107.91
03429	AT&T							
I-4436765402	Acct#8310006908483	R	1/02/2019	1,075.73		032451		1,075.73
00030	B&R TOOL AND SUPPLY CO							
I-1900924451	Dewatering Pumps - PL	R	1/02/2019	985.31		032452		985.31
00036	BC TREE SERVICE, INC							
I-2824	Remove Tree OVPP - MAINT	R	1/02/2019	900.00		032453		900.00

VENDOR I.D.	NAME	STATUS	CHECK DATE	INVOICE AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
00038	BLACK GOLD INDUSTRIES							
I-3372501	Waste Oil Recycling - SAF	R	1/02/2019	150.00		032454		150.00
03840	California Department of Fish							
I-122018	Streambed Alteration Agreement	R	1/02/2019	3,288.75		032455		3,288.75
03702	Cannon Corporation							
I-67744	Valves & App Ventura St. - ENG	R	1/02/2019	8,134.55		032456		8,134.55
01843	COASTAL COPY							
I-827944	Copier Usage - LCRA	R	1/02/2019	209.29		032457		
I-828232	Copier Usage - WHS	R	1/02/2019	47.06		032457		256.35
00061	COMPUWAVE							
I-SB02091583	Cyber Power UPS - EM	R	1/02/2019	2,717.72		032458		
I-SB02091584	Cyber Power UPS - EM	R	1/02/2019	9,879.87		032458		12,597.59
02722	D&H Water Systems							
I-I2018-1279	Collar, Plate, Seal - TP	R	1/02/2019	343.58		032459		343.58
10106	DeZURIK/Apco							
I-RPI/64018782	12" Valve Operator - EM	R	1/02/2019	864.44		032460		864.44
00086	E.J. Harrison & Sons Inc							
I-4112	Acct#1C00053370	R	1/02/2019	182.77		032461		182.77
00086	E.J. Harrison & Sons Inc							
I-4133	Acct#1C00054240	R	1/02/2019	193.33		032462		193.33
00091	ERNST & YOUNG LLP							
I-US0132195119	Client#60028334	R	1/02/2019	614.00		032463		614.00
00095	FAMCON PIPE & SUPPLY							
I-213634	Elbow, Flange, Spool - PL	R	1/02/2019	1,367.44		032464		
I-213681	Mega-lug for PVC - PL	R	1/02/2019	61.13		032464		
I-213730	8" Romac - PL	R	1/02/2019	868.73		032464		
I-213918	Fittings & Adapters - PL	R	1/02/2019	1,837.19		032464		
I-213919	Adapters & Fittings - PL	R	1/02/2019	2,095.67		032464		6,230.16
00099	FGL ENVIRONMENTAL							
I-815038A	TCP Monitoring 11/13/18	R	1/02/2019	69.00		032465		
I-815639A	Nitrate Monitoring 11/27/18	R	1/02/2019	43.00		032465		
I-816020A	Nitrate Monitoring 12/4/18	R	1/02/2019	61.00		032465		
I-816022A	Manganese Monitoring 12/4/18	R	1/02/2019	45.00		032465		
I-816423A	Nitrate Monitoring 12/11/18	R	1/02/2019	43.00		032465		261.00

VENDOR I.D.	NAME	STATUS	CHECK DATE	INVOICE AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
01047	FORESTRY SUPPLIERS, INC.							
I-450166-00	GPS - FISH	R	1/02/2019	174.70		032466		174.70
00104	FRED'S TIRE MAN							
I-113301	Oil Service & Balance -Unit 16	R	1/02/2019	933.58		032467		
I-113355	Oil Service - Unit 11	R	1/02/2019	47.83		032467		981.41
00106	FRONTIER PAINT							
I-F0242593	Paint - LCRA	R	1/02/2019	42.90		032468		
I-F0242594	Tub Grip - LCRA	R	1/02/2019	18.95		032468		61.85
01280	FRY'S ELECTRONICS, INC.							
I-7317988	Sandisk, Cord, Head Lamp-IT/FISH	R	1/02/2019	78.64		032469		
I-7323656	Keyboard - ADM	R	1/02/2019	64.64		032469		143.28
03541	Joe Gonzales							
I-763025	Camping Cancellation - LCRA	R	1/02/2019	71.00		032470		
I-763152	Camping Cancellation - LCRA	R	1/02/2019	71.00		032470		142.00
00115	GRAINGER, INC							
I-9037246890	Heater Unit - ENG	R	1/02/2019	1,091.45		032471		1,091.45
00121	HACH COMPANY							
I-11262560	Reagents - LAB	R	1/02/2019	401.24		032472		
I-11267121	Silicone Oil - TP	R	1/02/2019	44.24		032472		445.48
02748	Hanna Instruments							
I-USA40035413-I	Water Quality Calibration-FISH	R	1/02/2019	45.05		032473		45.05
01052	HARBOR FREIGHT TOOLS USA, INC							
I-866364	Paint Brushes - LCRA	R	1/02/2019	8.57		032474		8.57
03700	HDR Engineering, Inc.							
I-1200160284	Solimar Beach Corrosion - ENG	R	1/02/2019	11,484.29		032475		11,484.29
00151	MEINERS OAKS ACE HARDWARE							
I-856984	Paint - LCRA	R	1/02/2019	209.72		032476		
I-857481	Rake & Vacuum - FISH	R	1/02/2019	37.51		032476		
I-857743	Gloves, Bolts, Screws - TP	R	1/02/2019	74.14		032476		
I-857744	Pipe Insulation - TP	R	1/02/2019	66.82		032476		
I-857754	Bucket & Drycrete - FISH	R	1/02/2019	7.31		032476		
I-857828	Tape, Rollers, Handles - LCRA	R	1/02/2019	67.39		032476		
I-858108	Couple - WP	R	1/02/2019	0.69		032476		
I-858232	Batteries - UT	R	1/02/2019	15.59		032476		
I-858318	Spraypaint, Glue, Traps - LCRA	R	1/02/2019	64.03		032476		
I-858759	Pipe Cutter, Bolts, Screws- FISH	R	1/02/2019	25.03		032476		
I-858783	Gloves - LCRA	R	1/02/2019	8.77		032476		
I-858807	Elbows - LCRA	R	1/02/2019	3.73		032476		

VENDOR I.D.	NAME	STATUS	CHECK DATE	INVOICE AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
I-858873	Paint, Glue, Blades - LCRA	R	1/02/2019	67.33		032476		
I-858999	Cloth, Paint, Cord - WP	R	1/02/2019	59.95		032476		
I-859048	Fittings, Pipe Straps - WP	R	1/02/2019	9.55		032476		717.56
03444	Mission Linen Supply							
I-508872572	Uniform Pants - TP	R	1/02/2019	28.43		032478		
I-508919489	Uniform Pants - TP	R	1/02/2019	28.43		032478		56.86
03701	MNS Engineers, Inc.							
I-71711	Arc Flash Hazard Analysis -ENG	R	1/02/2019	38,811.39		032479		
I-71712	Vegetative Removal Permits-ENG	R	1/02/2019	820.00		032479		
I-71716	Old Creek Rd. Pipe Relocate-ENG	R	1/02/2019	1,155.00		032479		40,786.39
02185	Oasis Technology Inc.							
I-121418-2	SCADA Support 12/3-12/16	R	1/02/2019	8,000.00		032480		8,000.00
00163	OFFICE DEPOT							
I-249381966001	Letter Tray - ADM	R	1/02/2019	9.00		032481		
I-249382469001	Stamps - ADM	R	1/02/2019	23.36		032481		
I-249382470001	Counterfeit Pens - ADM	R	1/02/2019	17.12		032481		
I-249382471001	Folders, White Out, Wrappers-ADM	R	1/02/2019	112.24		032481		161.72
01570	Ojai Auto Supply							
I-451165	Lens - Unit 55	R	1/02/2019	10.83		032482		
I-451901	Blade & Lamp - Unit 53/34	R	1/02/2019	43.01		032482		53.84
00912	OJAI BUSINESS CENTER, INC							
I-13836	Supplies & Shipments - OM/LCRA	R	1/02/2019	110.69		032483		
I-13836a	Supplies & Shipments - UT/LAB	R	1/02/2019	153.16		032483		263.85
02917	Ojai Valley Organics							
I-33091	Small Wood Pickup - MAINT	R	1/02/2019	20.00		032484		20.00
00686	POLLARD WATER							
I-WP001952	Dechlor Strips & Tabs - LAB	R	1/02/2019	690.69		032485		690.69
02833	Praxair, Inc							
I-86617865	Liquid Oxygen - TP	R	1/02/2019	2,272.05		032486		2,272.05
01439	PRECISION POWER EQUIPMENT							
I-2414	Pole Saw Repair - MAINT	R	1/02/2019	396.57		032487		396.57
02767	Pueblo Water Resources, Inc.							
I-2018-179	Hydrogeologist Services - ENG	R	1/02/2019	768.75		032488		768.75

VENDOR SET: 01 Casitas Municipal Water D
 BANK: AP ACCOUNTS PAYABLE
 DATE RANGE: 12/06/2018 THRU 1/02/2019

VENDOR I.D.	NAME	STATUS	CHECK DATE	INVOICE AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
00306 I-9224	Rincon Consultants, Inc. Environmental Consulting - ENG	R	1/02/2019	34,699.28		032489		34,699.28
00313 I-25460 I-25493	ROCK LONG'S AUTOMOTIVE Smog Inspection - Unit 18 Smog Inspection - Unit 40	R R	1/02/2019 1/02/2019	44.75 44.75		032490 032490		89.50
01109 I-12027 I-12030	SALVADOR LOERA TRANSPORTATION Base - LCRA Base - LCRA	R R	1/02/2019 1/02/2019	480.09 648.48		032491 032491		1,128.57
03189 I-769410	Natassia Scott Camping Cancellation - LCRA	R	1/02/2019	110.00		032492		110.00
03495 I-INV-3650	SiteDocs Safety Corp. Safety Platform	R	1/02/2019	3,600.00		032493		3,600.00
00215 I-122818 I-122918	SOUTHERN CALIFORNIA EDISON Acct#2210507034 Acct#2210503702	R R	1/02/2019 1/02/2019	14,776.57 5,187.60		032494 032494		19,964.17
00216 I-122718a I-122718b	Southern California Gas Co. Acct#18231433006 Acct#00801443003	R R	1/02/2019 1/02/2019	146.00 429.47		032495 032495		575.47
00048 I-010119	STATE OF CALIFORNIA State Water Plan Payment	R	1/02/2019	788,330.00		032496		788,330.00
00767 I-122718	STATE WATER RESOURCES CONTROL NPDES Permit OWS - LAB	R	1/02/2019	500.00		032497		500.00
03730 I-758249 I-758253	Hal Stone Camping Cancellation - LCRA Camping Cancellation - LCRA	R R	1/02/2019 1/02/2019	295.00 230.00		032498 032498		525.00
02643 I-8375548	Take Care by WageWorks Reimburse Med/Dep Care	R	1/02/2019	505.60		032499		505.60
03003 I-122718	Stephen Taylor Workers Comp 1102WC170000001	R	1/02/2019	338.52		032500		338.52
09465 I-112818	TRAVIS AGRICULTURAL CONSTRUCTI La Conchita Valves - ENG	R	1/02/2019	150,430.37		032501		150,430.37

VENDOR I.D.	NAME	STATUS	CHECK DATE	INVOICE AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
01662 I-025-245166	TYLER TECHNOLOGIES, INC. Monthly UB Online Fees	R	1/02/2019	153.00		032502		153.00
03206 I-120518	U.S. Bank Global Corporate Tru Tax Bonds, Series B	R	1/02/2019	920,964.35		032503		920,964.35
03915 I-763118	Daniel Urango Camping Cancellation - LCRA	R	1/02/2019	71.00		032504		71.00
03902 I-719197	Jennifer Van Loo Camping Reduction - LCRA	R	1/02/2019	228.00		032505		228.00
00254 I-RMB121018	VENTURA LOCKSMITHS Key Duplicates - LCRA	R	1/02/2019	35.56		032506		35.56
00257 I-123118a I-123118b	VENTURA RIVER WATER DISTRICT Acct#05-37500A Acct#03-50100A	R R	1/02/2019 1/02/2019	68.03 10.00		032507 032507		78.03
03203 I-3539	Water Systems Consulting, Inc. Ojai System Master Plan - ENG	R	1/02/2019	3,150.00		032508		3,150.00
00663 I-77939768 I-77955710	WAXIE SANITARY SUPPLY Janitorial Supplies - LCRA Car Wax - LCRA	R R	1/02/2019 1/02/2019	1,408.18 117.99		032509 032509		1,526.17
00010 I-9083431657	AIRGAS USA LLC Welder/Generator - LCRA	R	1/02/2019	3,390.81		032510		3,390.81
00102 C-G03201812311449 I-G03201812311447	FRANCHISE TAX BOARD Payroll Deduction Payroll Deduction	R R	1/02/2019 1/02/2019	463.34CR 513.34		032511 032511		50.00
00124 I-DCI201812311447	ICMA RETIREMENT TRUST - 457 DEFERRED COMP FLAT	R	1/02/2019	575.00		032512		575.00
00985 I-CUN201812311447 I-DCN201812311447 I-DN%201812311447	NATIONWIDE RETIREMENT SOLUTION 457 CATCH UP DEFERRED COMP FLAT DEFERRED COMP PERCENT	R R R	1/02/2019 1/02/2019 1/02/2019	230.77 5,265.39 2,559.99		032513 032513 032513		8,056.15
00180 I-COP201812311447 I-UND201812311447	S.E.I.U. - LOCAL 721 SEIU 721 COPE UNION DUES	R R	1/02/2019 1/02/2019	40.00 791.75		032514 032514		831.75

VENDOR I.D.	NAME	STATUS	CHECK DATE	INVOICE AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
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* * T O T A L S * *

	NO	INVOICE AMOUNT	DISCOUNTS	CHECK AMOUNT
REGULAR CHECKS:	222	2,360,448.82	0.00	2,360,448.82
HAND CHECKS:	0	0.00	0.00	0.00
DRAFTS:	6	211,061.54	0.00	211,061.54
EFT:	0	0.00	0.00	0.00
NON CHECKS:	0	0.00	0.00	0.00
VOID CHECKS:	0	VOID DEBITS	0.00	
		VOID CREDITS	0.00	
			0.00	

TOTAL ERRORS: 0

	NO	INVOICE AMOUNT	DISCOUNTS	CHECK AMOUNT
VENDOR SET: 01 BANK: AP TOTALS:	228	2,571,510.36	0.00	2,571,510.36
BANK: AP TOTALS:	228	2,571,510.36	0.00	2,571,510.36
REPORT TOTALS:	228	2,571,510.36	0.00	2,571,510.36

**Casitas Municipal Water District
Reimbursement Disclosure Report (1)
Fiscal Year 2017/18
July 1, 2018-June 30, 2019**

<u>Date paid</u>	<u>Board of Director/Employee</u>	<u>Description</u>	<u>Amount Paid</u>
7/3/2018	Ken Grinnell	Reimburse Mileage	328.09
7/3/2018	Ken Grinnell	Conference Hotel	158.74
7/11/2018	Gerardo Herrera	English Composition Course Fee & Supplies	311.16
7/11/2018	Gerardo Herrera	Safety Boots	170.00
7/18/2018	Michael Gibson	PPE - Convertible Waders/Wading Boots	634.27
8/1/2018	Eric Grabowski	Water Management Course Fee	334.16
8/1/2018	Eric Grabowski	T3 Certification Exam Fee	100.00
8/1/2018	Mario Mariscal	Water/Wastewater Calculation Course Fee	138.00
8/22/2018	Stuart Birdsey	Trailer Storage Banners	152.89
8/22/2018	Stuart Birdsey	Ranger Training Course Fee	145.50
8/22/2018	Lindsay Cao	CWEA Membership Renewal Fee	188.00
8/29/2018	Luke Soholt	Ventura County Possessory Tax	391.47
9/5/2018	David Pope	Safety Boots	170.00
9/12/2018	Bill Hicks	Reimburse Mileage	106.28
9/19/2018	Vincent Godinez	Reimburse Mileage	115.54
9/19/2018	Vincent Godinez	Control Valve Course Hotel Fee	143.44
9/26/2018	Scott Lewis	Hotel 8/25-8/31	634.90
9/26/2018	Scott Lewis	Airfare to CMWD 8/25-9/1	431.60
9/26/2018	Scott Lewis	Airfare to CMWD 9/22-9/29	301.60
10/3/2018	Kyler Heath	Advanced Report Writing Course Fee	176.98
10/17/2018	Scott Lewis	Hotel 9/22-9/29	608.01
10/17/2018	Scott Lewis	Car Rental 9/22-9/29	417.59
10/24/2018	Carol Belser	Ranger Badge	108.00
10/31/2018	Steven Sharp	D4 Certification Exam Fee	130.00
10/31/2018	Michael Shields	D5 Certification Exam Fee	155.00
11/7/2018	Lindsay Cao	PE License Renewal	115.00
11/7/2018	Joe Evans	Propeller for Unit 289	366.35
11/7/2018	Scott Lewis	Hotel 10/23-10/28	406.15
11/7/2018	Scott Lewis	Airfare to CMWD 10/23-10/28	405.61
11/7/2018	Scott Lewis	Car Rental 10/23-10/28	452.49
11/7/2018	Scott Lewis	Airfare to CMWD 11/13-11/18	380.59
11/7/2018	James Word	Reimburse Mileage	134.82
11/14/2018	Russ Baggerly	Reimburse Mileage	129.17
12/5/2018	Bill Hicks	Reimburse Mileage	152.60
12/5/2018	Bill Hicks	Reimburse Mileage	237.08
12/5/2018	Eric Lara	Safety Boots	107.70
12/12/2018	Scott Lewis	Hotel 11/13-11/18	520.35
12/12/2018	Scott Lewis	Car Rental 11/13-11/18	446.81
12/19/2018	Joe Evans	Boat Cover Repair	100.00
12/19/2018	Mario Mariscal	Cla-Val Workshop Advance	315.00
12/19/2018	Luis Mejia	Cla-Val Workshop Advance	315.00
12/26/2018	Gerardo Herrera	Associate Degree Course	320.00

1) Reimbursement Disclosure Report prepared pursuant to California Government Code 53065.5

MEMORANDUM

TO: Board of Directors
From: Michael L. Flood, Interim General Manager
RE: **Resolution Declaring Stage 4 Water Supply Condition at Lake Casitas**
Date: December 28, 2018

RECOMMENDATION:

The Board of Directors consider adopting a resolution declaring that a Stage 4 Water Supply Condition exists for the Lake Casitas water supply and provide direction to staff to implement specific actions in accordance with the Casitas MWD Water Efficiency and Allocation Program (WEAP).

BACKGROUND:

On April 27, 2016, the Board of Directors adopted a resolution declaring that a Stage 3 water supply condition existed for the Lake Casitas water supply. Three categories of specific actions were identified to be part of the declaration:

Category 1: Communication and Outreach – this included intensification of public outreach focused on alerting the public to the existence of a Stage 3 water supply condition and that mandatory water use reductions were in place. Budget development to support outreach efforts was also part of this category.

Category 2: New Service Connections & Allocations - Direction to staff to bring back a recommendation on either a moratorium or controlled issuance of new water service connections and allocations.

Category 3: Specific Actions to Support Conservation – This involved a list of specific actions involving allocation adjustments, landscape irrigation limitations and conservation penalties.

Since the adoption of the Stage 3 resolution, the level in Lake Casitas saw a minor recovery in early 2017 but a continued decline since that time. As of early December 2018, the level at Lake Casitas is nearing the 30% full threshold which is one criteria within the WEAP (Section 5.4, Table 5) that the Board of Directors can use in consideration of a declaration of a Stage 4 water supply condition.

On December 12, 2018, the Board of Directors held a hearing in regard to adopting a resolution declaring that a Stage 4 water condition exists at Lake Casitas. Subsequent to that hearing, the Board determined it would defer the decision to the January 9th, 2019 Board meeting.

DISCUSSION:

The WEAP provides the Board of Directors full discretion to determine what water supply condition Stage to declare in response to a drought emergency and is contained primarily in Section 5.4. This includes (but is not limited to) the water level of Lake Casitas, the measured response to the call for conservation, and changes to water resource conditions.

A presentation was provided by the Interim General Manager during the December 12, 2018 Board meeting that went into more detail on these factors as well as others such as timing of its implementation, a summary of public feedback on the issue and actions being taken by Casitas' wholesale customers. A list of recommendations of means as well as options for timing of the implementation of these means was included.

A copy of the December 12, 2018 presentation is attached.

CASITAS MUNICIPAL WATER DISTRICT

RESOLUTION NO. 19-

RESOLUTION DECLARING AND IMPLEMENTING
A STAGE 4 WATER SUPPLY CONDITION
FOR ALL CASITAS CUSTOMERS

WHEREAS, on April 26, 2016 the Board of Directors of the Casitas Municipal Water District adopted Resolution 16-09 declaring that a Stage 3 water supply condition did exist at Lake Casitas, and

WHEREAS, as of November 2018, Lake Casitas has continued to decline to nearly 30% of its full capacity of 237,975 Acre-Feet, and

WHEREAS, the National Weather Service in their November 15, 2018 U.S. Seasonal Drought Outlook indicates continued but improving drought conditions through February 28, 2019, and

WHEREAS, the Casitas Water Efficiency and Allocation Program adopted on May 9, 2018 identifies a decline to thirty (30) percent of storage available in Lake Casitas as the possible Stage 4 condition and subject to water demand reduction measures to preserve the Lake Casitas water supply during a continuation of the drought; and

WHEREAS, Article X, Section 2 of the California Constitution declares that the general welfare requires that water resources be put to beneficial use, that waste or unreasonable use or unreasonable method of use of water be prevented and that conservation of water be fully exercised with a view to the reasonable and beneficial use thereof; and

WHEREAS, California Water Code, Section 375, authorizes a water supplier to adopt and enforce a comprehensive water conservation program to reduce water consumption and conserve water supplies; and

WHEREAS, California Water Code, Section 71611 provides that a district may sell water under its control, without preference, to cities, other public corporations and agencies, and persons, within the district for use within the district.

WHEREAS, California Water Code Section 71640 authorizes the governing body of a municipal water district to restrict the use of district water during any emergency caused by drought, or other threatened or existing water shortage, and may prohibit the wastage of district water or the use of district water during such periods for any purpose other than

household uses or such other restricted uses as the district determines to be necessary, and may prohibit use of district water during such periods for specific uses which it finds to be nonessential; and

WHEREAS, California Water Code Section 71642 authorizes the governing body of a municipal water district to find the existence or threat of a drought emergency or other threatened or existing water shortage, and that finding is prima facie evidence of the fact or matter so found, and such fact or matter shall be presumed to continue unchanged unless and until a contrary finding is made by the board by resolution or ordinance; and

WHEREAS, pursuant to Water Code section 71641 and Government Code section 6061, the [District] must publish in a newspaper of general circulation any ordinance setting forth the restrictions, prohibitions, and exclusions determined to be necessary under Water Code section 71640 within 10 days after its adoption; and

NOW, THEREFORE, BE IT RESOLVED by the Board of Directors of the Casitas Municipal Water District as follows:

1) Pursuant to Water Code section 71642, and for the reasons set forth herein, the Board continues with the determination of the existence or threat of a drought emergency or other water shortage condition; and

2) Pursuant to California Water Code Section 71611 and under the authority of Water Code Section 71640, any water that is delivered from Lake Casitas and the Casitas distribution system that is used outside the District boundaries is considered an unreasonable use and an unreasonable method of use; and

3) Casitas hereby declares that a Stage 4 water supply condition exists within the service area of the Casitas Municipal Water District; and

4) The Board of Directors hereby directs staff to take the following actions that are described in the 2018 Water Efficiency and Allocation Program for a Stage 4 condition in Lake Casitas, in the specified time, that include:

- a) Effective upon adoption of this Resolution:
 - i. Continue with the Stage 1, Stage 2 and Stage 3 measures; and
 - ii. Expand and intensify the public information campaign within Casitas Municipal Water District that an increased and continued mandatory reduction in water use is required during Stage 4 water supply conditions.
 - iii. Implement measures to inform and educate all water users within Casitas Municipal Water District as to methods for achieving the reduction in water use.

- iv. Increase the current level of public outreach in relation to a specific Stage 4 message.
 - v. Develop a budget including staffing requirements to support water conservation and public outreach efforts.
- b) Prior to February 12, 2019, bring forward to the Board of Directors recommendations to consider a moratorium or more restrictive controlled issuance of new water service connection and allocations.
- c) Effective XX,XX,20XX, implement the following Stage 4 actions and measures:
- i. Reduce the initial allocation of every customer by an additional ten (10) percent; and
 - ii. Maintain the conservation penalty at \$5.00 per unit for all water usage exceeding monthly allocations for residential customers and annual allocations for all other customers; and
 - iii. Restrict landscape irrigation watering to the hours of 8PM to 8AM.

5) The Stage 4 water supply condition shall be presumed to continue unchanged unless and until a contrary finding is made by the Board by resolution or ordinance or when Lake Casitas reaches a volume of 90,000 AF upon which time the water supply condition will be declared as Stage 3.

ADOPTED this 9th day of January, 2019.

, President
Casitas Municipal Water District

ATTEST:

, Secretary
Casitas Municipal Water District



Proposed Stage 4 Declaration Decision

December 12, 2018

AGENDA

- Current Demand Management Measures & Customer Performance
- The Water Efficiency Allocation Program (WEAP) & Stage 4
- Customer Feedback
- Policy Alternatives – Means for Compliance & Timing
- Outreach Discussion

Current Demand Management Measures & Customer Performance

- Currently in Stage 3
 - **10% Reduction to Stage 1 Allocation**
 - **\$5 per Unit Over-Allocation Penalty**
 - **No Outside Watering From 10AM to 6PM**
 - **Water Waste Restrictions (Landscape Runoff, Hose Nozzles, etc.)**
 - **Limit of 10 AF per Year of New Allocation Available**
- Customer Performance (FY2013-FY2018)
 - **Related to Table 5 Reductions**

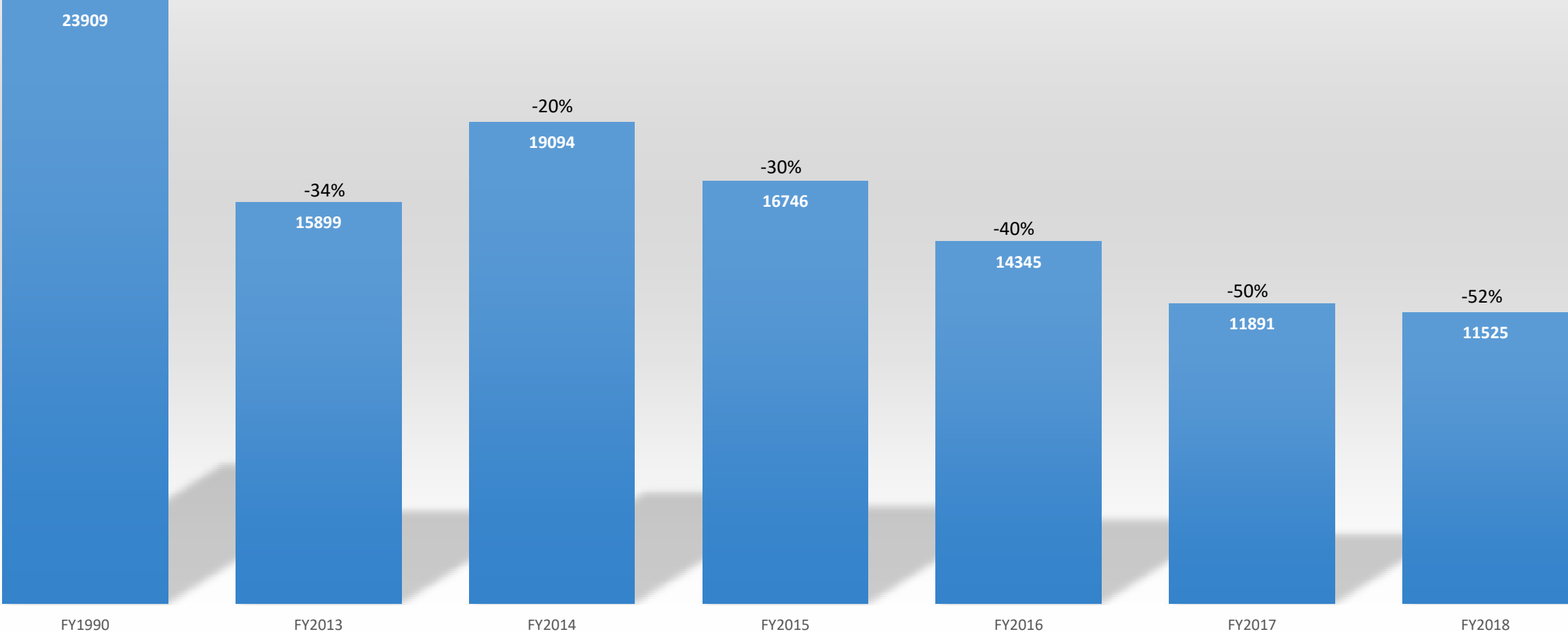
Table 5 – Staged Water Demand Reductions for Water Classifications

Demand Reduction Stage	1	2	3	4	5
Volume Range of Lake Casitas	254,000 to 127,000	127,000 to 100,000	100,000 to 75,000	75,000 to 65,000	65,000 to 3,000
% Lake Storage	100% - 50%	50% - 40%	40% - 30%	30% - 25%	25% - 0%
Water Use Reduction Response Goal	20%	20%	30%	40%	50%
Residential & Multi-Family Residential					
Essential Use	0%	0%	0%	0%	0%
Non-essential Use	20%	20%	30%	40%	50%
Business	20%	20%	30%	40%	50%
Industrial	20%	20%	30%	40%	50%
Other	20%	20%	30%	40%	50%
Resale	20%	20%	30%	40%	50%
Irrigation	20%	20%	30%	40%	50%
Interdepartmental	20%	20%	30%	40%	50%

Note: Initial Stage 1 Allocations include a 20% reduction from the 1989-90 demands.

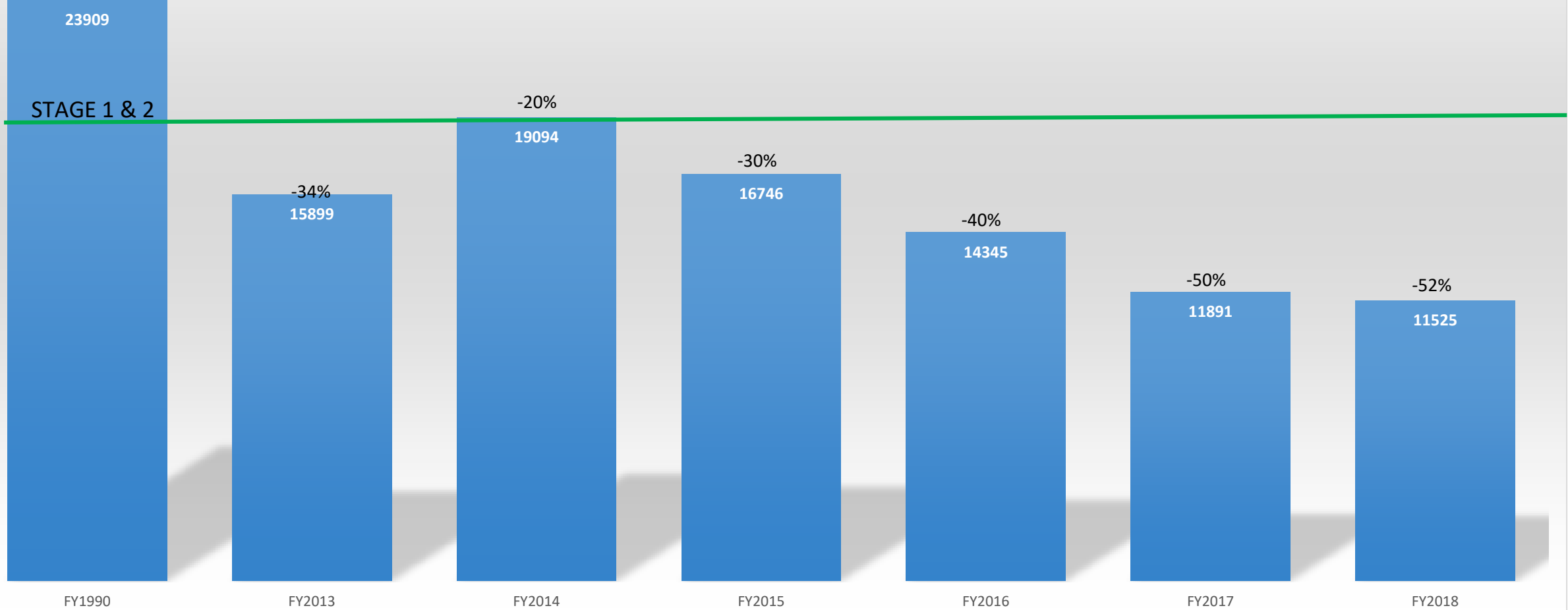
Total Casitas Water Demands (Acre-Feet)

WEAP Baseline



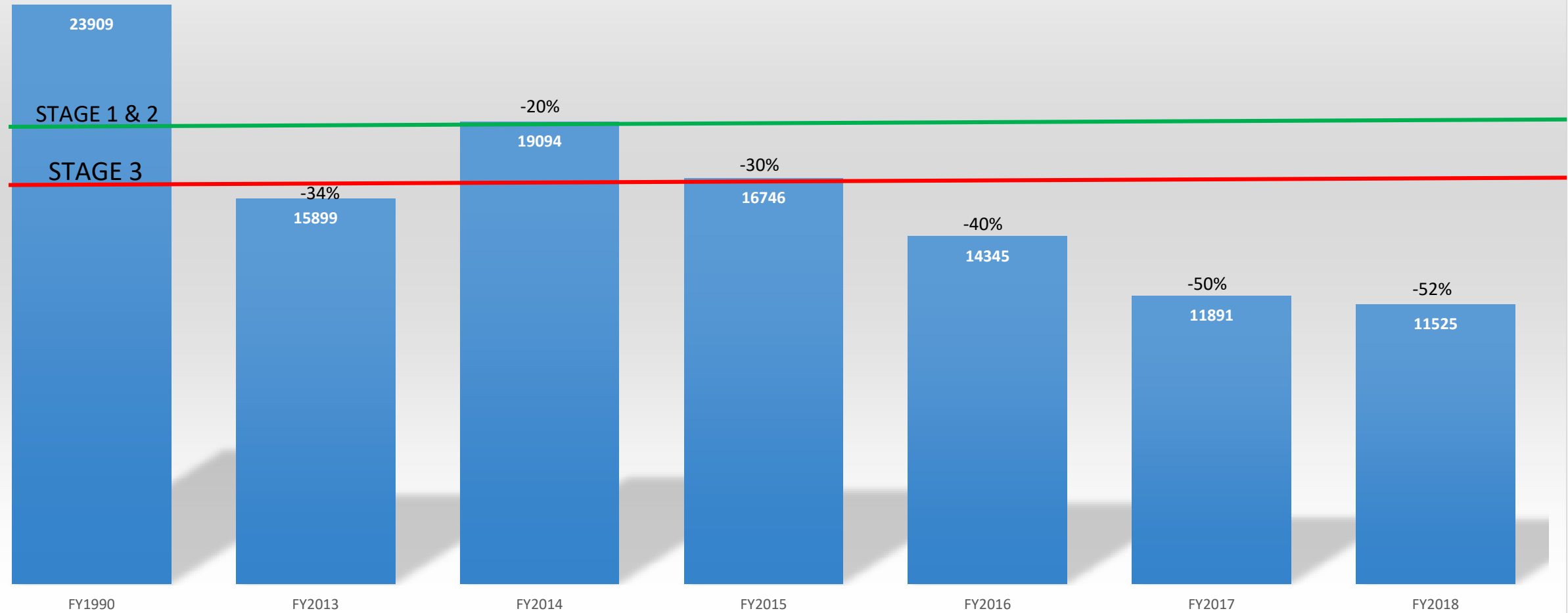
Total Casitas Water Demands (Acre-Feet)

WEAP Baseline



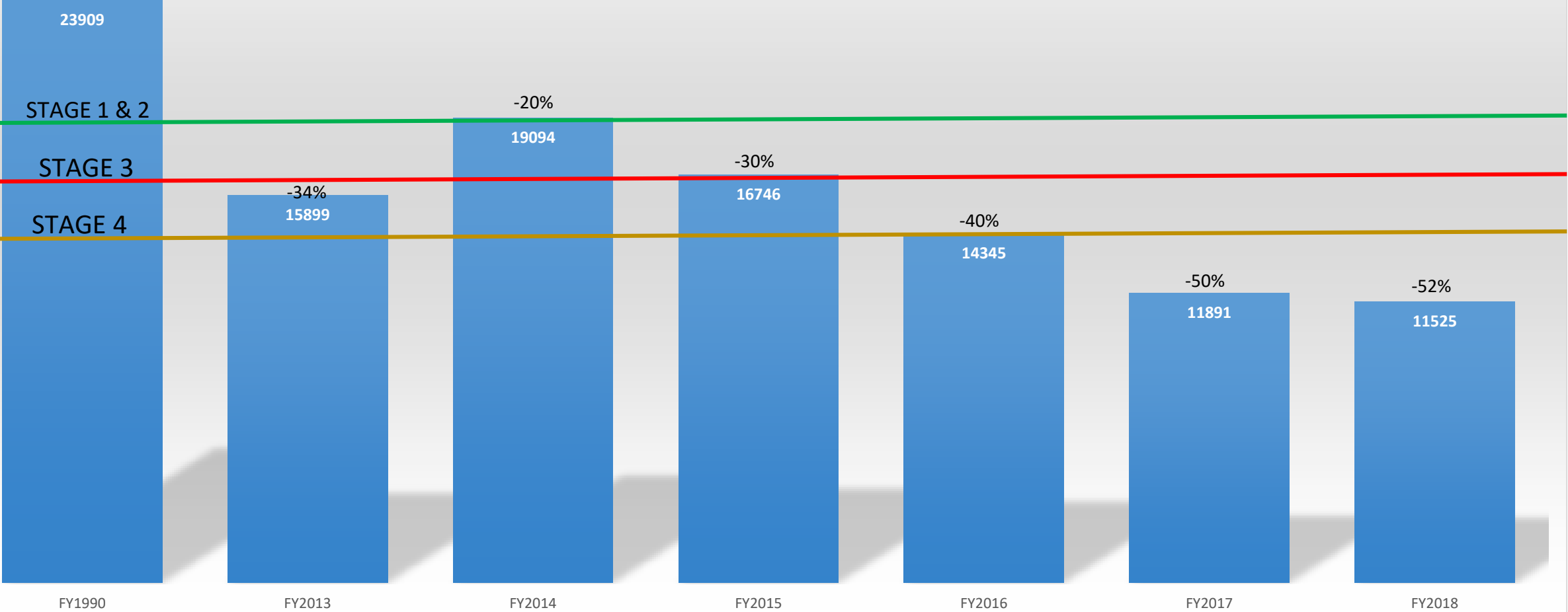
Total Casitas Water Demands (Acre-Feet)

WEAP Baseline



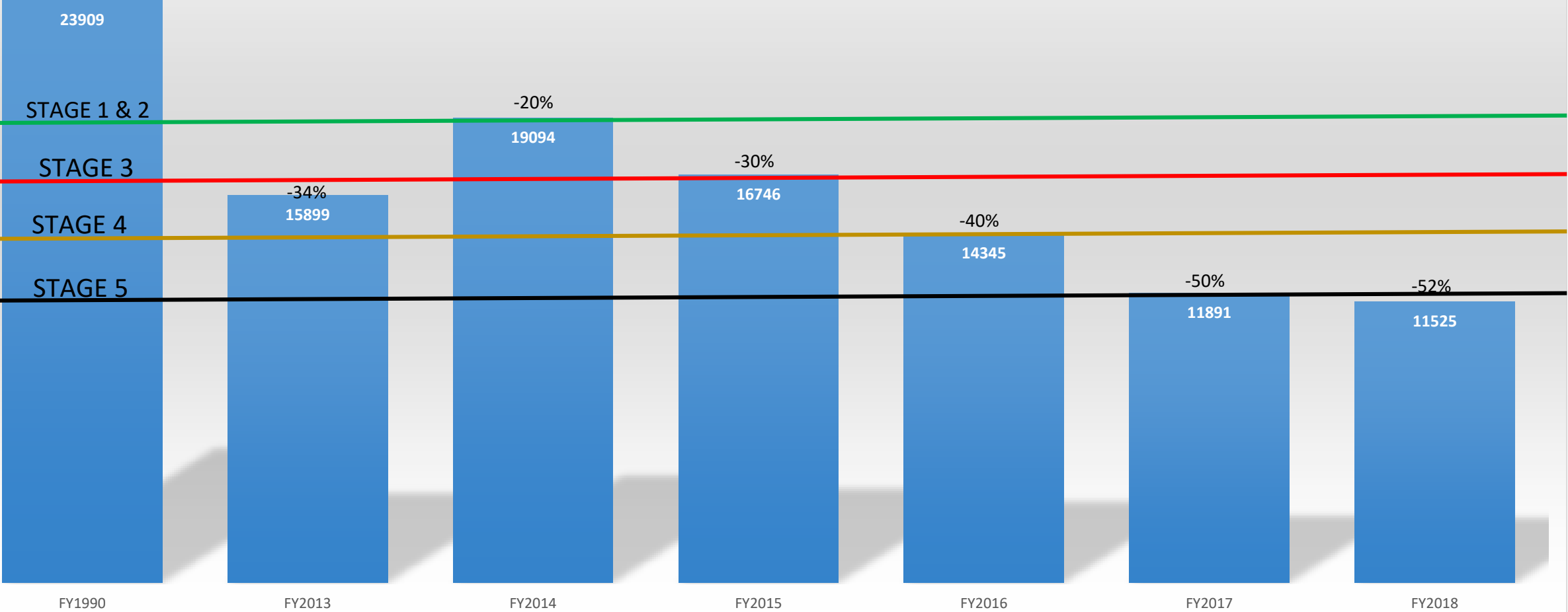
Total Casitas Water Demands (Acre-Feet)

WEAP Baseline



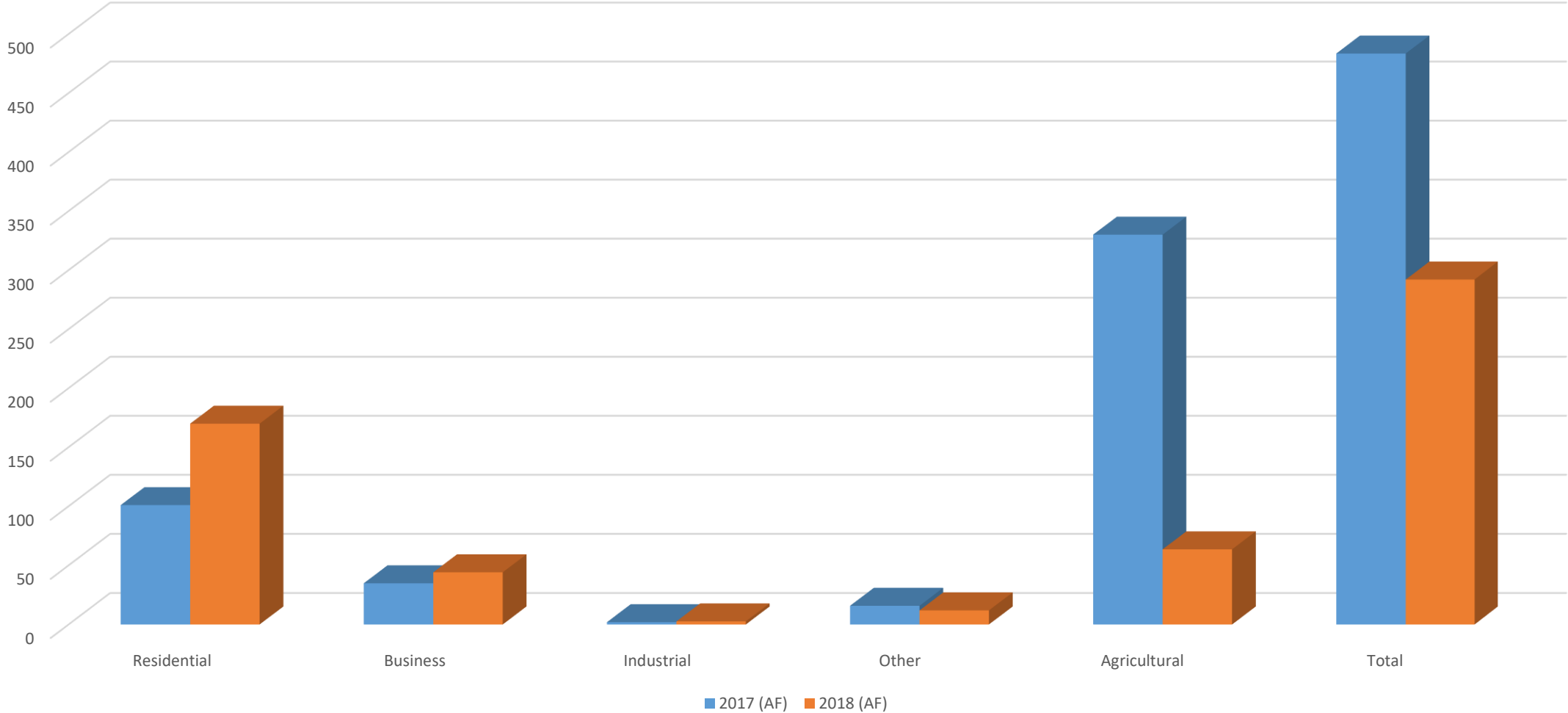
Total Casitas Water Demands (Acre-Feet)

WEAP Baseline



Allocation Penalties by Classification

(Acre-Feet)



The WEAP & Stage 4

- General Decision Criteria (WEAP Version 5-2018)
 - Lake Level = 30% - 25% (71,392 AF to 59,493 AF)
 - **Currently @ 30.54 % (72,667 AF)**
 - Board of Directors Discretion (WEAP Section 5.4)
 - **Can include a number of water supply factors including conservation demand response, weather forecasts, condition of the watershed, regulatory issues, etc.**

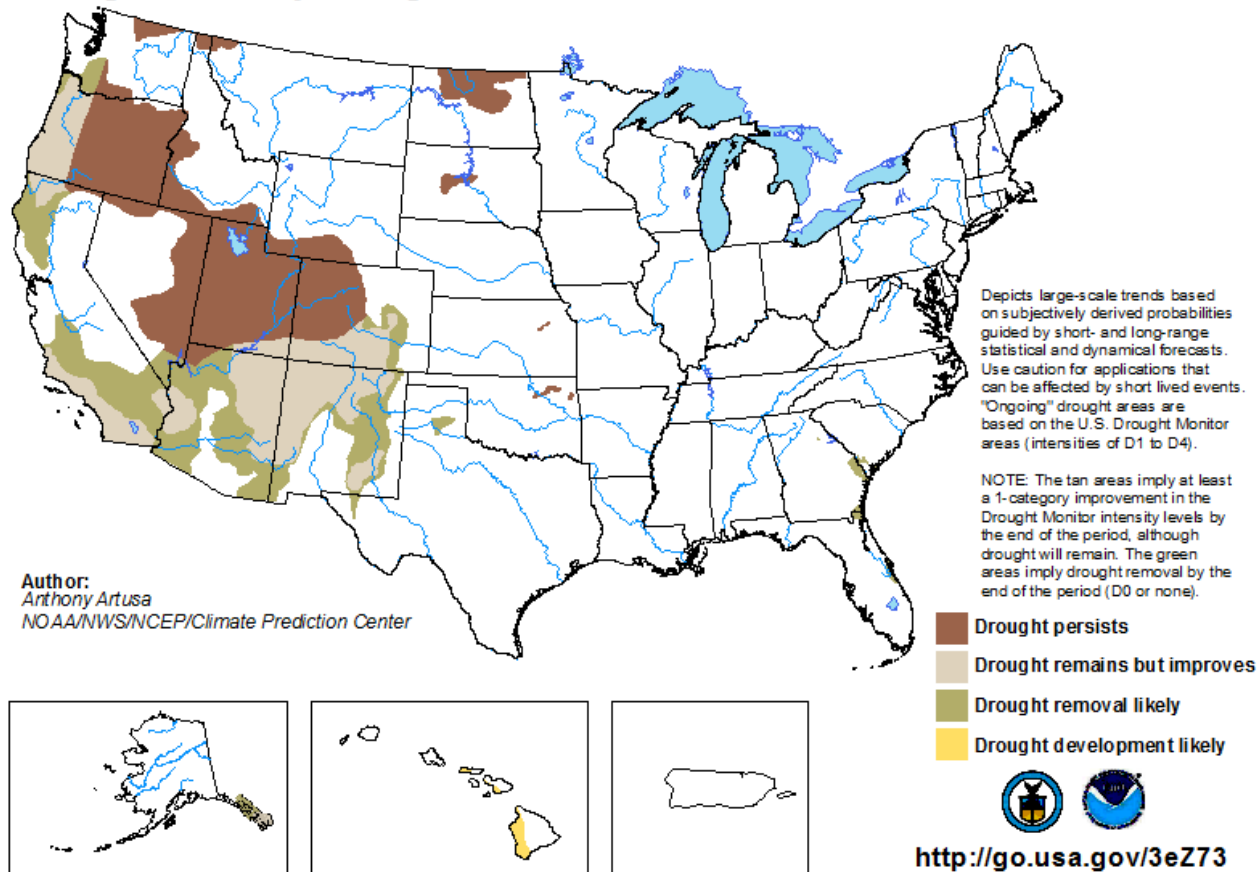
The WEAP & Stage 4

- Conservation Measures (WEAP Version 5-2018)
 - Demand Reduction Goal: 20% Reduction of Stage 1 Allocation
 - Conservation Penalties
 - Outside Watering Restrictions (Time & Day)
 - Water Waste Restrictions
 - Limit on New Allocations

The Drought Forecast

- National Weather Service Drought Outlook

U.S. Seasonal Drought Outlook Valid for November 15, 2018 - February 28, 2019
Drought Tendency During the Valid Period Released November 15, 2018



Customer Feedback

- Agricultural Town Hall (October 16, 2018)
 - Wait to Implement Stage 4 Reductions.
 - What Criteria will Allow a Return to Stage 3?
- Ventura River Water District – Resolution #2018-315 (Lake Casitas)
- Meiners Oaks Water District – Drought Contingency Plan (Lake Casitas)
- City of Ventura – Water Shortage Contingency Plan (Stage 3)

Policy Alternatives

Means to Attain Compliance

- Recommended Means (Same for all Alternatives)
 - Additional 10% Reduction in Stage 1 Allocation (Target: 20% Stage 1 Use Reduction)
 - Maintain Conservation Penalty at \$5.00 per Unit
 - Change Landscape Irrigation Restrictions to 8AM to 8PM
 - Maintain Current Water Waste Restrictions
 - Moratorium on New Allocations (60 grace period for those in process)
 - Automatic Return to Stage 3 When Lake Casitas Reaches 38% Level. (Add'l 19,000 AF)

Policy Alternatives

Timing Alternatives

- Alternative #1: **All Stage 4 Conservation Means are Implemented Immediately**

✓ Pros:

- Maintains the Water Conservation Message Momentum
- Will Provide Maximum Additional Water Supply Conservation Savings
- Most Advantageous for Dry Weather Conditions

✓ Cons:

- Short Timeframe for Customer Noticing
- 'Demand Hardened' Customers Impacted Greatest
- 2019 Storm Impacts to Lake Casitas are Unknown

Policy Alternatives

Timing Alternatives

- Alternative #2: **All Stage 4 Conservation Means are Implemented**

April 1st, 2019.

✓ Pros:

- Provides Staff and Customers with More Time to Prepare
- Will Provide Some Additional Water Supply Conservation Savings
- More Advantageous for Wet Weather Conditions

✓ Cons:

- Some Loss of Momentum on Conservation Message/Public Confusion
- Some Loss of Water Supply Conservation Savings

Policy Alternatives

Timing Alternatives

- Alternative 3: **Defer Stage 4 Declaration Until Time of Yearly Assessment (May 2019)**

✓ Pros:

- Allows for Rain Season to Conclude/Maximum Water Supply Condition
- Maximum Amount of Time for Customers to Prepare ('Demand Hardened')
- Maximum Amount of Time for Staff to Work with Customers

✓ Cons:

- Loss of Conservation Message Momentum/Public Confusion
- Some Loss of Water Conservation Opportunities

Policy Alternatives

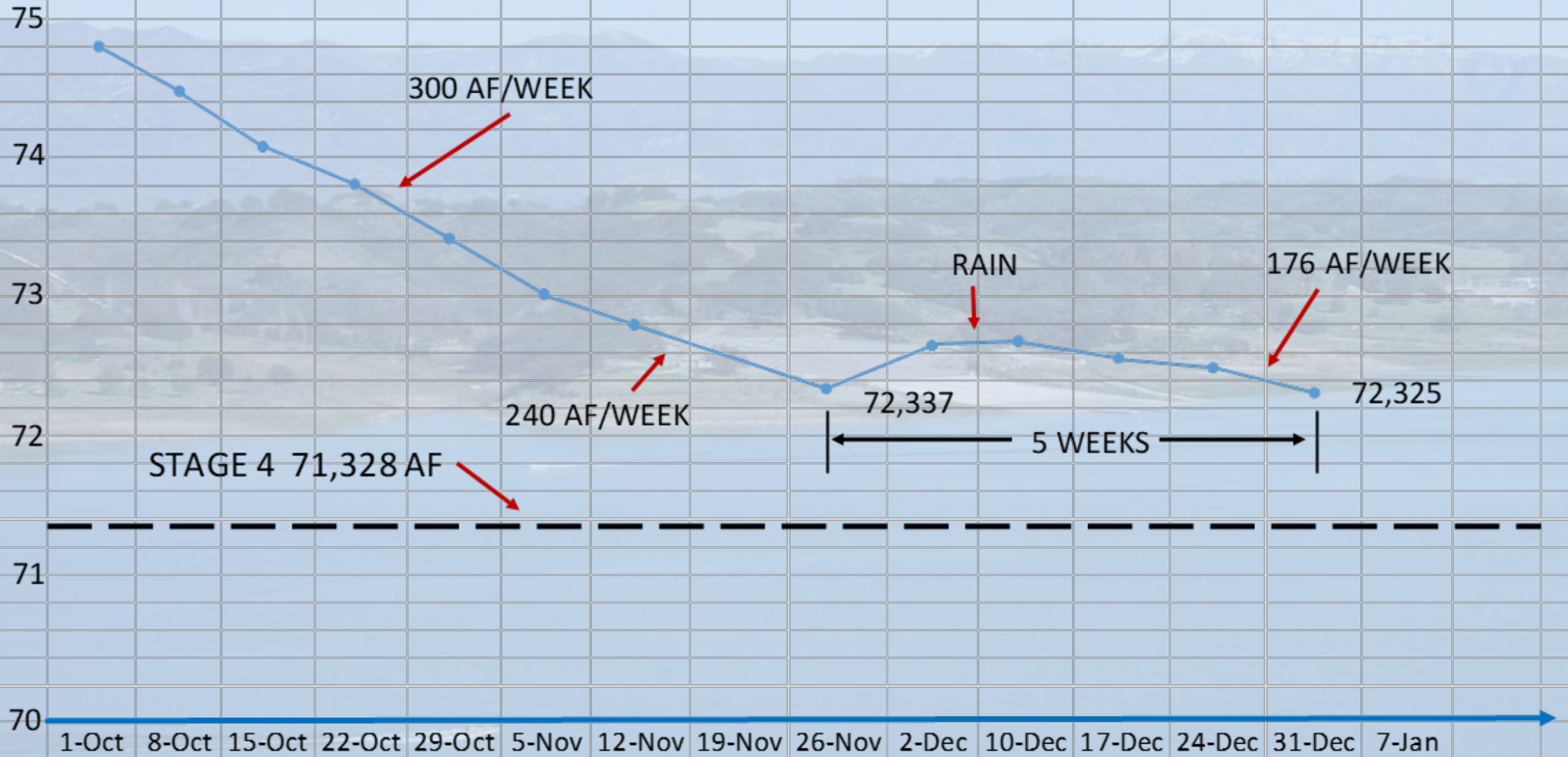
Means & Timing Recap

- Recommended Means (Same for all Alternatives)
 - Additional 10% Reduction in Stage 1 Allocation
 - Change Landscape Irrigation Restrictions to 8AM to 8PM
 - Moratorium on New Allocations (60 grace period for those in process)
 - Automatic Return to Stage 3 When Lake Casitas Reaches 38% Level.
 - No Change to Over-Allocation Penalty or Water Waste Restrictions.
- Timing Alternatives
 - Alternative #1: Immediate
 - Alternative #2: April 1, 2019
 - Alternative #3: Defer Decision until May 2019

Questions?

Lake Storage

Lake Storage - 1000s of Acre-feet



DATE - 2018

by Angelo Spandrio
12-31-18

**CASITAS MUNICIPAL WATER DISTRICT
MEMORANDUM**

TO: MICHAEL FLOOD, INTERIM GENERAL MANAGER
FROM: JULIA ARANDA, ENGINEERING MANAGER
SUBJECT: PREQUALIFICATION OF PIPELINE CONTRACTORS FOR 2019
DATE: 01/09/19

RECOMMENDATION:

It is recommended the Board of Directors determine bids for pipeline construction will only be accepted from the provided list of contractors who are pre-qualified for calendar year 2019 and the contractors who provided labor and equipment schedules may perform emergency pipeline repairs using their 2019 rate schedule.

BACKGROUND AND DISCUSSION:

The District issued a Request for Qualifications for Pipeline Contractors in September 2018. Ten qualification packages were received. One of the contractors was deemed non-responsive as their package did not include necessary financial information. The nine remaining contractors received passing scores based on reference checks, safety record, bonding capacity, compliance with civil and criminal law, and other factors in the questionnaire. The contractors who are eligible to submit bids for pipeline construction in 2019 are (in no particular order):

1. Sam Hill and Sons
2. Travis Agricultural Construction
3. Shaw Construction
4. J&H Construction
5. Tierra Construction
6. EJ Meyer Company
7. Granite Construction
8. WA Rasic Construction
9. Michels Construction

Eight of the nine contractors also provided their labor and equipment rate schedules which are effective January 1, 2019, for the purpose of providing emergency pipeline repairs on a time and material basis. Some contractors may adjust their rates effective July 1, 2019 based on union contracts. The rate schedule in effect will be used in the event emergency pipeline repairs are performed.

BUDGET IMPACT:

The fiscal year 2018-19 capital improvement program budget includes several pipeline projects in the Casitas and Ojai systems. Emergency repairs will be performed as necessary from operating funds.

Attachments:

1. Sam Hill and Sons Rate Schedule 7/1/18 through 6/30/19
2. Travis Agricultural Construction Rate Schedule 7/1/18 through 6/30/19
3. Shaw Construction Rate Schedule for 2018-2019
4. J&H Construction Rate Schedule effective 7/1/18
5. Tierra Construction Rate Schedule effective 7/1/18
6. EJ Meyer Company Rate Schedule
7. Granite Construction Rate Schedule for 2018-19
8. Michels Construction Rate Schedule for 1/1/19 to 12/31/19

OPERATED EQUIPMENT RATESEffective 07/01/18 thru 06/30/19

Cat 336 Excavator	\$ 270.00	per hour
Cat 330 Excavator	\$ 245.00	per hour
Compaction Wheel (330)	\$ 42.00	per hour
Cat 321 Excavator	\$ 207.00	per hour
Compaction Wheel (321)	\$ 40.00	per hour
Cat 314 Offset Excavator	\$ 185.00	per hour
Compaction Wheel (314)	\$ 38.00	per hour
Bobcat 430 Excavator	\$ 147.00	per hour
Case 580 / 590 Extendahoe (Backhoe/Loader)	\$ 149.00	per hour
Compaction Wheel (for Extendahoe/Backhoe)	\$ 22.00	per hour
Extendahoe w/Paving Box	\$ 177.00	per hour
Extendahoe w/Allied Hoe-Pak	\$ 167.00	per hour
Extendahoe w/Auger	\$ 167.00	per hour
Extendahoe w/Hy-Ram	\$ 219.00	per hour
Extendahoe & Bobtail Dump Truck Combo (1 operator)	\$ 167.00	per hour
Extendahoe & 10 Wheel Dump Truck Combo (1 operator)	\$ 179.00	per hour
Unloader Bobcat with Hoe or Loader	\$ 147.00	per hour
Unloader Bobcat with Hy-Ram	\$ 182.00	per hour
Unloader Bobcat with Cold Planer/Asphalt Grinder	\$ 191.00	per hour
John Deere 650H Dozer w/Slope board	\$ 162.00	per hour
Cat 938K / 950G Loader (4 cu.yd.)	\$ 181.00	per hour
Cat 930K Loader (side dump)	\$ 172.00	per hour
Cat 112F Motorgrader	\$ 133.00	per hour
Hansen End Dump	\$ 125.00	per hour
50 Ton Lowbed (move-on/off)	\$ 130.00	per hour
50 Ton Lowbed (Green Load)	\$ 135.00	per hour
50 Ton Lowbed (Bonus Purple)	\$ 140.00	per hour
Permit	\$ 90.00	each way
2000 Gallon Water Truck	\$ 125.00	per hour
Gang Truck w/Tools	\$ 50.00	per hour
Foreman	\$ 101.00	per hour
Operator	\$ 94.00	per hour
Laborer	\$ 81.00	per hour

* - Hourly labor and equipment rentals are subject to a four (4) hour minimum.

** - Equipment rates subject to a fuel surcharge in the event of surging fuel prices.

*** - Standard rental rates will apply to the first eight (8) hours of each day. After

eight (8) hours, **overtime will apply** as follows:

Operators	\$ 39.00	per hour
Laborers	\$ 34.00	per hour



P.O. BOX 5670
 VENTURA, CA 93005
 License No. 648594

Phone: (805) 644-6278
 Fax: (805) 644-2813
 Website: samhollandsons.com

BARE RENTAL EQUIPMENT RATES

Effective 07/01/18 thru 06/30/19

Cat 336 Excavator	\$ 1,400.00	daily
Cat 330 Excavator	\$ 1,200.00	daily
Compaction Wheel (330)	\$ 320.00	daily
Cat 321 Excavator	\$ 904.00	daily
Compaction Wheel (321)	\$ 304.00	daily
Cat 314 Excavator	\$ 720.00	daily
Compaction Wheel (314)	\$ 288.00	daily
Bobcat 430 Excavator	\$ 424.00	daily
Case 580 / 590 Extendahoe	\$ 424.00	daily
Compaction Wheel (for Extendahoe/Backhoe)	\$ 160.00	daily
Uniloader Bobcat	\$ 424.00	daily
John Deere 650H Dozer w/Slope board	\$ 544.00	daily
Cat 938K / 950G Loader (4 cu.yd.)	\$ 696.00	daily
Cat 930K Loader (side dump)	\$ 624.00	daily
Cat 112F Motorgrader	\$ 312.00	daily
Static Sheepsfoot	\$ 200.00	daily
Asphalt Roller (3 ton) DD-24	\$ 280.00	daily
Asphalt Roller (Double Drum Walk Behind)	\$ 240.00	daily
Cat R-80 8,000lb Forklift	\$ 280.00	daily
Dump Truck (6 cu.yd.) plus fuel	\$ 320.00	daily
Dump Truck (10 Wheeler) plus fuel	\$ 400.00	daily
Dump Trailer	\$ 80.00	daily
2000 Gallon Water Truck	\$ 360.00	daily
500 Gallon Water Pull Tank (Water Buffalo)	\$ 144.00	daily
Air Compressor with Tools	\$ 240.00	daily
Pierce Arrow Pneumatic Mole (Pneuma-Gopher)	\$ 300.00	daily
Lincoln 200 Amp Arc Welder (plus gas)	\$ 160.00	daily
2500 Generator	\$ 50.00	daily
3" Pump w/Suction hose & 25' Discharge hose	\$ 80.00	daily
Vibratory Plate	\$ 144.00	daily
Jumping Jack Compactor (Whacker)	\$ 144.00	daily
Arrow Board	\$ 120.00	daily
Light Tower	\$ 110.00	daily
Manhole Blower	\$ 50.00	daily
Oxygen/Gas Tester (for confined space entry)	\$ 75.00	daily
Hepa Vacuum (Silica Law)	\$ 200.00	daily
Tri-pod w/Wench & Harness	\$ 150.00	daily
Roto Hammer	\$ 40.00	daily
Diamond Blade (Power saw concrete cutting)	\$ 50.00	each
Sewer Cleaning Rope Reel	\$ 20.00	daily

- * - All equipment subject to move on and move off rates.
- ** - Jobs requiring 40-hour certificates for hazardous waste are subject to a rate change.
- *** - Rates include all applicable taxes, overhead and profit.
- **** - Equipment rates subject to a fuel surcharge in the event of surging fuel prices.

CASITAS M. Water District ~ PREVAILING WAGE Rates - 7/1/18 to 6/30/19

Rates 7/1/19 to 12/31/19

CLASSIFICATION	GROUP #	HOURLY RATE	1 1/2 & SAT. RATE	SUNDAY & HOLIDAY RATE			
LABOR							
FOREMAN	1	73.70	95.95	118.19	76.05	98.31	120.55
LABORER	1	72.40	94.65	116.89	75.07	97.31	119.55
FUSION MACHINE/VPLATE/JJ OP/HAMMER	3	73.83	96.79	119.75	76.50	99.45	122.41
WELDER	5	76.30	100.49	124.68	78.97	103.16	127.35
EQUIP. OPERATOR							
BACKHOE/MINI-EX/D-5/938G/ROLLER/602-420F	4	97.31	129.05	160.79			
DITCHWITCH	1	93.98	124.06	154.14			
570LXT/SKIPLoader/FORKLIFT/CRANE	2	95.00	125.58	156.16			
SKIDSTEER	3	95.37	126.15	156.92			
EXCAVATOR/312/702/314/706	8	97.74	129.70	161.65			
VACUUM	6	97.60	129.48	161.36			
TEAMSTER							
DRIVER (2) AXLE (TC-8, 18,36,63)	2	77.67	98.19	118.71			
DRIVER WATER TRUCK (2) AXLE	3	77.84	98.44	119.05			
DRIVER (3) AXLE (TC-12 DYNAWELD OR END DUMP)	3	77.84	98.44	119.05			
TRUCK REPAIRMAN							
	8	78.81	99.91	120.99			

Labor Rates are based on current prevailing wage rates and include 12% Labor Surcharge & 16% Overhead Rate Increase on Labor categories

EQUIPMENT RATES

Description	Rate Per Hour 4/1/2018 - 3/31/19
420 Backhoe	45.49
D-5 Dozer	50.08
320L Excavator	93.43
303 - 305 Mini Excavator	49.97
V-800 Vermeer	141.30
HYDRO-VAC	69.00
TH - 210 Forklift	28.66
938G Loader	94.43
259B, 289C Skidsteer	30.69
3-5 Ton Roller	25.31
Stake Truck (TC-60, 80 & 83)	39.66
2 - Axle Dump Truck (TC-8, 63, 71, 79)	51.77
3 - Axle Dump Truck (TC-18, 36, 67)	69.52
Welding Truck (TC-34,39)	81.73
2000 Gallon Water Truck (TC-29)	51.77
Air Compressor Day Rate	276.00
Truck with Tools	37.35
Service Truck (Welding Truck & Crane - TC-34 &39)	81.73

Hourly Equipment Rates per Cal Trans 4/1/18 - 3/31/19, 15% Overhead is already included

Materials used Cost + 15%, any Call-Out Charges to be applied. 4 Hour minimum call out.

NOTE: 10% profit to be applied to overall total

11/16/2018

Rental Rates 2018-2019

Shaw Contracting Inc.
 PO Box 171
 Carpinteria, CA 93014
 P. (805) 649-2107 C. (805) 331-4729
 F. (805) 649-9838

LABOR AND EQUIPMENT RATES

OPERATING ENGINEERS	PER HOUR
Operator/ Foreman	\$101.85
Operator	\$90.65
LABORERS	PER HOUR
Foreman	\$77.90
Group 4- Raker, concrete, saw	\$75.90
Group 3- wacker, jackhammer	\$74.75
Group 2- AC Shoveler, concrete	\$73.55
Group 1- General Laborer	\$73.55
CEMENT MASONS/ CARPINTER	PER HOUR
Foreman	\$76.50
Finisher	\$70.25
Carpenter-General	\$74.00
EQUIPMENT	PER HOUR
Cat 335 DL Excavator	\$146.00
Cat 320 CLU Excavator	\$130.00
Cat 303 CR Excavator- Mini	\$65.00
Cat 938 G Loader	\$125.00
Cat 950 G Loader	\$150.00
Cat D6R Dozer	\$135.00
Cat D6N Dozer	\$120.00
Cat D5G Dozer	\$90.00
John Deere 700 Dozer	\$125.00
John Deere 310 SG Backhoe	\$75.00
John Deere 410 G Backhoe	\$85.00
John Deere 210 LE Skip Loader	\$65.00
Cat 140 G Motor grader	\$140.00
Cat 563 Sheep foot compactor	\$140.00
Cat 433 Sheep foor compactor	\$90.00
Cat 322 smooth drum compactor	\$55.00
FORD 2000 Gal Water truck	\$60.00
Freight Liner Bobtail dump truck (6 YD)	\$65.00
Ford F-250 & F-350 Truck	\$30.00
Ford F450 Flat bed	\$35.00
Equipment rates above are bare	
10 WHEEL DUMP TRUCK (OPERATED)	\$98.00
SUPER 10 DUMPTRUCK	\$102.00
EQUIPMENT MOBILIZATION	\$120.00

NOTE: PLEASE ADD 15% TO LABOR AND EQUIPMENT RATES FOR PROFIT AND OVERHEAD

RENTAL RATE SHEET - JULY 1, 2018

J & H ENGINEERING GENERAL CONTRACTORS, INC.

EQUIPMENT LIST

BARE RENTAL RATE

TYPE	MAKE/MODEL	HOURLY	DAILY	DAY	WEEKLY	MONTH
EXCAVATOR	JOHN DEER 790	\$ 68.75	\$ 550.00	DAY	\$ 2,200.00	\$ 6,600.00
EXCAVATOR	CATERPILLAR 330	\$ 100.00	\$ 800.00	DAY	\$ 3,200.00	\$ 9,600.00
D6 DOZER W/ SLOPE BOARD AND 6-WAY BLADE	CATERPILLAR D6					
BACKHOE	JOHN DEER 410G	\$ 43.75	\$ 350.00	DAY	\$ 1,400.00	\$ 4,200.00
BACKHOE	JOHN DEER 710	\$ 43.75	\$ 350.00	DAY	\$ 1,400.00	\$ 4,200.00
BACKHOE	CASE 680	\$ 43.75	\$ 350.00	DAY	\$ 1,400.00	\$ 4,200.00
BACKHOE	CATERPILLAR 450	\$ 43.75	\$ 350.00	DAY	\$ 1,400.00	\$ 4,200.00
BACKHOE	CATERPILLAR 446	\$ 43.75	\$ 350.00	DAY	\$ 1,400.00	\$ 4,200.00
HOE RAM	CASE 680	\$ 175.00	\$ 1,400.00	HOUR	\$ 5,600.00	\$ 16,800.00
HOE RAM	JOHN DEER 710		\$ 850.00	DAY	\$ 3,400.00	
SKIP LOADER	JOHN DEER 210	\$ 43.75	\$ 350.00	DAY	\$ 1,400.00	\$ 4,200.00
SKIP LOADER	JOHN DEER 210K		\$ 350.00	DAY	\$ 1,400.00	
LOADER	CATERPILLAR 938	\$ 59.38	\$ 475.00	DAY	\$ 1,900.00	\$ 5,700.00
SKID STEER W/ BROOM, BUCKET, HAMMER ATTACHMENTS	CATERPILLAR 272D	\$ 850.00	\$ 1,425.00	DAY	\$ 5,700.00	
ROLLER	INGERSOL RAND DD22	\$ 31.25	\$ 250.00	DAY	\$ 1,000.00	\$ 3,000.00
ROLLER	INGERSOL RAND DD90	\$ 56.25	\$ 450.00	DAY	\$ 1,800.00	\$ 5,400.00
ROLLER	DYNAPAK CC424HF	\$ 56.25	\$ 450.00	DAY	\$ 1,800.00	\$ 5,400.00
ROLLER	HAMMM HD12V/			DAY		
ROLLER	HYSTER 5-7 TON	\$ 46.25	\$ 370.00	DAY	\$ 1,480.00	\$ 4,440.00
PAVING MACHINE	LEEBOY 8500	\$ 106.25	\$ 850.00	DAY	\$ 3,400.00	\$ 10,200.00
PAVING MACHINE	CEDAR RAPIDS 551	\$ 150.00	\$ 1,200.00	DAY	\$ 4,800.00	\$ 14,400.00
TACK POT		\$ 9.38	\$ 75.00	DAY	\$ 300.00	\$ 900.00
DUMP TRUCK	PETERBUILT 10-WHEEL	\$ 43.75	\$ 350.00	DAY	\$ 1,400.00	\$ 4,200.00
DUMP TRUCK	FORD BOB TAIL	\$ 43.75	\$ 350.00	DAY	\$ 1,400.00	\$ 4,200.00
WATER TRUCK	FORD	\$ 43.75	\$ 350.00	DAY	\$ 1,400.00	\$ 4,200.00
FLATBED SERVICE TRUCK	INTERNATIONAL W/ LIFT GATE	\$ 18.75	\$ 150.00	DAY	\$ 600.00	\$ 1,800.00
FLATBED SERVICE TRUCK	INTERNATIONAL	\$ 18.75	\$ 150.00	DAY	\$ 600.00	\$ 1,800.00
SERVICE TRUCK AND TOOLS	ALL	\$ 18.75	\$ 150.00	DAY	\$ 600.00	\$ 1,800.00

MOBILIZATION - VENTURA COUNTY

MOVE IN/OUT EXCAVATOR	\$ 800.00	EACH WAY
MOVE IN/OUT BACKHOE / SKIP LOADER	\$ 350.00	EACH WAY
MOVE IN/OUT D6 DOZER	\$ 450.00	EACH WAY
MOVE IN/OUT ROLLER	\$ 350.00	EACH WAY
MOVE IN/OUT LEEBOY PAVING MACHINE	\$ 500.00	EACH WAY
MOVE IN/OUT CEDAR RAPIDS PAVING MACHINE	\$ 850.00	EACH WAY

MOBILIZATION - SANTA BARBARA COUNTY

MOVE IN/OUT EXCAVATOR	\$ 1,000.00	EACH WAY
MOVE IN/OUT BACKHOE / SKIP LOADER	\$ 450.00	EACH WAY
MOVE IN/OUT D6 DOZER	\$ 550.00	EACH WAY
MOVE IN/OUT ROLLER	\$ 450.00	EACH WAY
MOVE IN/OUT LEEBOY PAVING MACHINE	\$ 700.00	EACH WAY
MOVE IN/OUT CEDAR RAPIDS PAVING MACHINE	\$ 1,000.00	EACH WAY

PREVAILING WAGE RATES - EFFECTIVE 7/1/18

Class	Regular Hourly Rate	Overtime Rate	Hourly Rate - 2x Overtime (Sunday Work)
Laborer 1	\$ 84.77	\$ 127.16	\$ 169.54
Laborer 2	\$ 85.62	\$ 128.43	\$ 171.24
Laborer 3	\$ 86.46	\$ 129.69	\$ 172.92
Laborer 4	\$ 88.85	\$ 133.28	\$ 177.70
Cement Mason	\$ 92.58	\$ 138.87	\$ 185.16
Teamster	\$ 92.58	\$ 138.87	\$ 185.16
Operator 8	\$ 115.87	\$ 173.81	\$ 231.74
Operator 6	\$ 114.82	\$ 172.23	\$ 229.64
Supervisor	\$ 125.00	\$ 187.50	\$ 250.00

**Rental equipment, parts & materials - Cost + 18%
4 HOUR MINIMUM**

TIERRA CONTRACTING, INC
 5484 Overpass Rd., Santa Barbara, CA 93111
 Ph: 805 964-8747 Fax: 805 964-4438
 BILLING RATES 07/01/2018

Emergency Contact:
 Blair Douglas Cell.-331-3486
 Daniel Barnard Cell-315-6824

LABOR - HOURLY RATES
 STRAIGHT TIME OVER TIME DOUBLE TIME

CONSTRUCTION LAB-FOREMAN	111.34	153.36	195.38
CONSTRUCTION LAB - 4 C	92.80	125.55	158.29
CONSTRUCTION LAB - 4 B	91.95	124.28	156.61
CONSTRUCTION LAB - 4 A	91.11	123.02	154.93
CONSTRUCTION LAB - 4	89.43	120.49	151.56
OPERATING ENG.-FOREMAN	119.21	162.31	205.42
OPERATING ENG. -A	115.84	157.26	198.68
OPERATING ENG.	114.15	154.73	195.31
CEMENT MASON-FOREMAN	104.39	150.49	196.58
SUPERINTENDENT	120.91	164.86	208.82

NOTE: LABOR RATES INCLUDE ALL MARK-UP
 NOTE: RATES ARE SUBJECT TO CHANGE IN ACCORDANCE WITH UNION AGREEMENTS

EQUIPMENT
 HOURLY RATE HOURLY RATE

CAT 320 EXCAVATOR	130.00	CREW TRUCK(bare)	45.00
CAT 321 EXCAVATOR	135.00	TRANSFER W/DRIVER	110.00
CAT 330 EXCAVATOR	175.00	DUMP TRUCK (BOBTAIL)	55.00
CAT 303	65.00	END DUMP W/DRIVER	110.00
CAT 305	70.00	LOW BED W/DRIVER	125.00
CAT 305 w/ BREAKER	115.00	10-WHEELER W/DRIVER	103.00
CAT 308	78.00	WATER TRUCK	60.00
HITACHI Z135	95.00	WATER WAGON	15.00
CAT 930 LOADER	105.00	PAVING UNIT	58.00
CAT 938 LOADER	108.00	CAT ROLLER	85.00
FORD SKID STEER	75.00	CROSSING PLATES	15.00/DAY
JOHN DEERE 444	90.00	WACKER	15.00
CAT 924 LOADER	95.00	VIBRA PLATE	15.00
CAT 924 W/ROCK BUCKET	124.00	COMPACTION WHEEL	35.00
CAT SKID STEER 259B	65.00	REED SCREEN	85.00
CAT SKID STEER 289D W/grinder	130.00	VOGELE PAVER	85.00
CAT 446 BACKHOE	78.00	ARROW HAMMER	85.00
JD 310, 410, 510 BACKHOES	78.00	HOLE HOG	10.00/HR
CAT D4 DOZER	115.00	COMPRESSOR	25.00
HYDRO PUMP	15.00	ARROW BOARD	30.00
PUMP	8.00	BROOM	45.00
LAZER	25.00	DISCHARGE TANK	50.00/DAY
FUSHION MACHINE	150.00/DAY	ZIPPER	2.50/LF
PIPE THREADER	75.00/DAY	MECHANICS TRUCK	85.00
VACUUM TRAILER	75.00		

NOTE: EQUIPMENT RATES ARE HOURLY, UNOPERATED, UNLESS INDICATED.
 ADD \$30.00 PER HOUR FOR EXCAVATORS WORKING IN CREEK/BEACH.

Material	Cost + 15%
Rented Equipment	Cost +15%
Subs	Cost + 10%

EXTRA WORK REPORT SUMMARY

OWNER:
PROJECT:
CONTRACTOR: E. J. MEYER COMPANY

TIME EXT DATE REPORT

QTY	LABOR	STRAIGHT TIME/QTY	O. T. TIME/QTY	DBL TIME/QTY	STRAIGHT RATE/HR.	O. T. RATE/HR.	DBL RATE/HR.	STRAIGHT AMOUNT	O. T. AMOUNT	TOTAL
	OPERATOR - FOREMAN - RYAN STEPHENSON				\$ 74.93	\$ 99.38	\$123.82	\$ -	\$ -	\$ -
	OPERATOR - FOREMAN - MIKE LOGFELLOW				\$ 74.93	\$ 99.38	\$123.82	\$ -	\$ -	\$ -
	OPERATOR - PAT LONGFELLOW				\$ 73.93	\$ 97.88	\$121.82	\$ -	\$ -	\$ -
	OPERATOR - GROUP 8 - ALL OTHERS				\$ 72.93	\$ 96.38	\$119.82	\$ -	\$ -	\$ -
	OPERATOR APPRENTICE				\$ 63.89	\$ 82.82	\$101.74	\$ -	\$ -	\$ -
	TEAMSTER - GROUP V				\$ 58.28	\$ 73.33	\$ 88.37	\$ -	\$ -	\$ -
	LABORER PIPELAYER GRP 4				\$ 56.38	\$ 74.30	\$ 92.22	\$ -	\$ -	\$ -
	LABORER APPRENTICE LADON G. PER 1				\$ 30.18	\$ 39.45	\$ 48.71	\$ -	\$ -	\$ -
	LABOR SURCHARGE(burden)				25%	25%	25%	\$ -	\$ -	\$ -
	LABOR SUB-TOTAL				20%	20%	20%	\$ -	\$ -	\$ -
	LABOR MARK-UP							\$ -	\$ -	\$ -
	LABOR TOTAL							\$ -	\$ -	\$ -

QTY	EQUIPMENT	STRAIGHT TIME/QTY	STD. BY TIME/QTY	O. T. TIME/QTY	STRAIGHT RATE/HR.	STD. BY RATE/HR.	O. T. RATE/HR.	STRAIGHT AMOUNT	STD. BY AMOUNT	O. T. AMOUNT
	HITACHI EX 700 CODE 2810				\$ 277.00	\$ 58.17	\$227.14	\$ -	\$ -	\$ -
	HITACHI EX 750 CODE 2815				\$ 289.25	\$ 60.74	\$237.19	\$ -	\$ -	\$ -
	200 LC HYUNDAI LONG REACH BH CODE 2950				\$ 67.15	\$ 14.10	\$ 55.06	\$ -	\$ -	\$ -
	KOBELCO EXCAVATOR SK210 CODE 4687				\$ 70.35	\$ 14.77	\$ 57.69	\$ -	\$ -	\$ -
	HYUNDAI 450 LC EXCAVATOR CODE 3010				\$ 156.63	\$ 32.89	\$128.44	\$ -	\$ -	\$ -
	CAT 320C EXCAVATOR W/ 24" BUCKET CODE 0312C				\$ 72.59	\$ 15.24	\$ 59.52	\$ -	\$ -	\$ -
	CAT 312C EXCAVATOR W/ COMP WHEEL CODE 0300C				\$ 48.34	\$ 10.15	\$ 39.64	\$ -	\$ -	\$ -
	710 D JOHN DEERE BACKHOE CODE 2722D				\$ 64.05	\$ 8.97	\$ 55.72	\$ -	\$ -	\$ -
	710 J JOHN DEERE BACKHOE CODE 2722J				\$ 75.05	\$ 9.76	\$ 66.04	\$ -	\$ -	\$ -
	SKID STEER W/PLANER CODE TRACS C				\$ 31.59	\$ 3.79	\$ 28.12	\$ -	\$ -	\$ -
	HOE RAM FOR 710				\$ 25.00	\$ 3.50	\$ 21.75	\$ -	\$ -	\$ -
	950 H CAT LOADER CODE 2310H				\$ 116.93	\$ 16.37	\$101.73	\$ -	\$ -	\$ -
	966 D CAT LOADER CODE 2350				\$ 104.24	\$ 14.59	\$ 90.69	\$ -	\$ -	\$ -
	544 G JD LOADER CODE 2660G				\$ 61.39	\$ 8.59	\$ 53.41	\$ -	\$ -	\$ -
	624 G JD LOADER CODE 2700G				\$ 75.73	\$ 10.60	\$ 65.89	\$ -	\$ -	\$ -
	WA350 KOMATSU LOADER CODE 4540				\$ 84.57	\$ 11.84	\$ 73.58	\$ -	\$ -	\$ -
	HYUNDAI 760 LOADER CODE 2301				\$ 89.07	\$ 11.58	\$ 78.38	\$ -	\$ -	\$ -
	T-500M GALION GRADER CODE 5210				\$ 60.66	\$ 8.49	\$ 53.38	\$ -	\$ -	\$ -
	ASPHALT ZIPPER AC PULVERIZER MISC EQUIPMENT LIST				\$ 88.01	\$ 13.20	\$ 76.54	\$ -	\$ -	\$ -
	DITCH WITCH 6510 CODE 5680				\$ 34.09	\$ 4.77	\$ 30.00	\$ -	\$ -	\$ -
	READ ALL SHAKER SCREEN				\$ 45.00	\$ 6.30	\$ 39.15	\$ -	\$ -	\$ -
	LEEBOY TACK POT				\$ 7.00	\$ 0.98	\$ 6.09	\$ -	\$ -	\$ -
	185CF5 COMPRESSORS CODE 025-045				\$ 27.71	\$ 4.71	\$ 23.55	\$ -	\$ -	\$ -
	ARROW BOARDS CODE TM				\$ 2.85	\$ 1.05	\$ 1.94	\$ -	\$ -	\$ -
	OFFICE TRAILER				\$ 8.00	\$ 1.12	\$ 6.96	\$ -	\$ -	\$ -
	STORAGE BINS				\$ 4.00	\$ 0.56	\$ 3.48	\$ -	\$ -	\$ -
	TRAFFIC CONTROL SIGNS/BARRICADES				\$ 30.00	\$ 4.20	\$ 26.10	\$ -	\$ -	\$ -
	INGERSOLL-RAND DD22 ROLLER CODE 3565				\$ 33.34	\$ 6.67	\$ 27.67	\$ -	\$ -	\$ -
	JD 992D LC W/HYDRAULIC BREAKER CODE 1722				\$ 144.03	\$ 30.25	\$118.10	\$ -	\$ -	\$ -
	CUT-OFF SAW CODE 20-33				\$ 11.72	\$ 2.11	\$ 9.73	\$ -	\$ -	\$ -
	BLOWER				\$ 21.00	\$ 2.94	\$ 18.27	\$ -	\$ -	\$ -
	STEEL PLATES				\$ 2.00	\$ 0.28	\$ 1.74	\$ -	\$ -	\$ -
	VIBRATORY PLATE				\$ 2.00	\$ 0.28	\$ 1.74	\$ -	\$ -	\$ -
	CONCRETE K-RAIL				\$ 1.00	\$ 0.14	\$ 0.87	\$ -	\$ -	\$ -
	TRENCH SHORING SYSTEM				\$ 35.00	\$ 4.90	\$ 30.45	\$ -	\$ -	\$ -
	VERMEER ROM SJV750 POTHOLER				\$ 65.00	\$ 9.10	\$ 56.55	\$ -	\$ -	\$ -
	VERMEER CC-135 ROCK SAW WHEEL CODE 8350				\$ 78.72	\$ 10.74	\$ 67.51	\$ -	\$ -	\$ -
	KENWORTH/VOLVO TRACTOR CODE 60				\$ 65.21	\$ 11.74	\$ 54.78	\$ -	\$ -	\$ -
	TRUCK AND SIDE DUMP CODE 5AXL				\$ 72.78	\$ 15.28	\$ 58.95	\$ -	\$ -	\$ -
	4000 GAL WATER TRUCKS CODE36-48				\$ 42.54	\$ 7.66	\$ 35.73	\$ -	\$ -	\$ -
	DUMP TRUCKS 3 AXLE CODE 3AXL				\$ 57.70	\$ 12.12	\$ 46.74	\$ -	\$ -	\$ -
	FUEL/LUBE TRUCK CODE48-60				\$ 51.63	\$ 9.29	\$ 43.37	\$ -	\$ -	\$ -
	SIDE DUMP TRAILERS - INCLUDED WITH TRUCK 5AXL							\$ -	\$ -	\$ -
	PICK-UP TRUCKS CODE 06-12				\$ 20.29	\$ 3.65	\$ 17.04	\$ -	\$ -	\$ -
	STREET SWEEPER CODE SFPR ALL				\$ 36.49	\$ 6.20	\$ 30.65	\$ -	\$ -	\$ -
	FLAT BED CREW TRUCKS CODE 28-36				\$ 36.46	\$ 6.56	\$ 30.63	\$ -	\$ -	\$ -
	PETERBUILT FLATBED CODE 28-36				\$ 36.46	\$ 6.56	\$ 30.63	\$ -	\$ -	\$ -
	GROUT TRUCK CODE 28-36				\$ 36.46	\$ 6.56	\$ 30.63	\$ -	\$ -	\$ -
	LOWBED TRAILER CODE 600				\$ 38.96	\$ 16.36	\$ 24.93	\$ -	\$ -	\$ -
	40' HIBOY TRAILER CODE 22-25				\$ 6.41	\$ 2.69	\$ 4.10	\$ -	\$ -	\$ -
	MISC TOOLS				\$ 20.00	\$ 9.00	\$ 12.00	\$ -	\$ -	\$ -
	LIGHT TOWER - CHARGED AT RENTAL RATE							\$ -	\$ -	\$ -
	TRASH PUMPS, HOSES & MISC				\$ 15.00	\$ 6.75	\$ 9.00	\$ -	\$ -	\$ -
	MESSAGE BOARDS CODE SOL2				\$ 11.17	\$ 4.02	\$ 7.71	\$ -	\$ -	\$ -
	EQUIPMENT RATES 4/1/18 to 3/31/19							\$ -	\$ -	\$ -
	EQUIPMENT SUB-TOTAL							\$ -	\$ -	\$ -
	EQUIPMENT MARK-UP				15%	15%	15%	\$ -	\$ -	\$ -
	EQUIPMENT TOTAL							\$ -	\$ -	\$ -
	LABOR & EQUIPMENT DAILY TOTAL							\$ -	\$ -	\$ -
	BONDS @ 1%							\$ -	\$ -	\$ 0.00
	TOTAL EXTRA WORK							\$ -	\$ -	\$ 0.00

\$ -

**GRANITE CONSTRUCTION COMPANY
LABOR AND EQUIPMENT RENTAL RATES
2018-19**

LABOR RATES (\$/HR)

CRAFT LABOR	ST	OT	DT
OPERATOR FOREMAN w/ pickup	\$163	\$196	\$230
OPERATING ENGINEER	\$137	\$169	\$201
LABOR FOREMAN w/ pickup	\$135	\$161	\$187
LABORER	\$109	\$134	\$159
CEMENT MASON FOREMAN w/ pickup	\$141	\$167	\$193
CEMENT MASON	\$113	\$137	\$161
CARPENTER FOREMAN w/ pickup	\$146	\$177	\$209
CARPENTER	\$118	\$147	\$177
TEAMSTER	\$107	\$129	\$151



EQUIPMENT RATES (\$/HR, OPERATED AND MAINTAINED)

LOADER JD 210C 4X4	\$193	ROLLER 1-3 TON	\$187
LOADER/BACKHOE JD 710	\$211	ROLLER 4-6 TON	\$194
EXCAVATOR JD 225	\$248	ROLLER 7-9 TON	\$225
EXCAVATOR CAT 328	\$248	RUBBER TIRE ROLLER	\$222
EXCAVATOR CAT 330L	\$248	66" SINGLE DRUM ROLLER	\$225
EXCAVATOR CAT 336	\$248	84" SINGLE DRUM ROLLER	\$231
EXCAVATOR CAT 345	\$307	COMPACTOR CAT 815	\$282
LOADER CAT IT28	\$213	POWER KICK BROOMS	\$219
LOADER CAT 950	\$223	STREET SWEEPER/PICK UP BROOM	\$218
LOADER CAT 966	\$238	WATER TRUCKS (2000 GAL)	\$173
LOADER CAT 980	\$261	WATER TRUCKS (3600 GAL)	\$172
LOADER CAT 988	\$330	ARTIC TRUCK CAT 735	\$261
DOZER JD 550	\$224	LOWBED TRUCK & TRAILER	\$224
DOZER CAT D6H	\$273		
DOZER CAT D8N	\$332	BARE EQUIPMENT	
DOZER CAT D9N	\$391	PICKUP	\$23
DOZER CAT D10R	\$469	FLATRACK	\$44
SCRAPER 613	\$263	SUPER TRUCK	\$53
SCRAPER 623	\$340	TRAFFIC TRUCK (Incl. signs, cones)	\$54
MOTOR GRADER CAT 140G	\$237	TILT BED TRAILER	\$28
ASPHALT PAVER (with Operator only)	\$393	AIR COMPRESSORS	\$24
OIL DISTRIBUTOR TRUCK	\$260		

Prices for specialized equipment such as chip sealing equipment, pulverizers, crushers, and off road haulers are negotiable based on scope of project.

Move-in/out not included in rates and will be charged at cost plus 15%

Rental equipment and on-road dump trucks will be charged at cost plus 15%



****LABOR RATES FOR MASTER AGREEMENT WORK****

January 1, 2019 to December 31, 2019

HOURLY RATES FOR PERSONNEL

State of California - Los Angeles Area

<u>CLASSIFICATION</u>	<u>STRAIGHT</u>	<u>OVERTIME</u>	<u>DOUBLE TIME</u>
Superintendent	\$ 141.10	\$ 196.00	\$ 250.90
Operator Foreman	\$ 120.20	\$ 155.30	\$ 196.90
Project Engineer	\$ 117.20	\$ 156.60	\$ 202.50
Project Manager	\$ 124.60	\$ 177.30	\$ 230.00
Office Clerk	\$ 78.60	\$ 108.80	\$ 139.10
Operator Group 8	\$ 107.60	\$ 136.50	\$ 172.00
Operator Group 6	\$ 107.50	\$ 136.30	\$ 171.70
Operator Group 4	\$ 107.10	\$ 135.80	\$ 171.00
Operator Group 2	\$ 104.50	\$ 131.90	\$ 165.80
Operator Group 1	\$ 103.40	\$ 130.20	\$ 163.60
Operator Apprentice Group 6 Step 3	\$ 86.70	\$ 105.40	\$ 130.70
Laborer Foreman	\$ 105.10	\$ 135.40	\$ 172.10
Laborer Group 4	\$ 84.30	\$ 104.40	\$ 131.00
Laborer Group 3	\$ 81.90	\$ 100.80	\$ 126.30
Laborer Group 2	\$ 81.10	\$ 99.60	\$ 124.60
Laborer Group 1	\$ 80.30	\$ 98.40	\$ 123.00
Welder Foreman	\$ 117.40	\$ 150.20	\$ 189.60
Welder, Steward	\$ 111.30	\$ 141.10	\$ 177.60
Welder	\$ 111.30	\$ 141.10	\$ 177.60
Welder Helper	\$ 75.60	\$ 88.20	\$ 107.20
Journeyman	\$ 111.30	\$ 141.10	\$ 177.60

Counties: Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernadino, San Luis Obispo, Santa Barbara, Ventura

* All hours worked in excess of 8 hours per day and on Saturday or Sunday will be charged at the time and one half rate.

* All hours worked on Holiday's will be charged at a double time rate or as per the applicable union contract agreement.



2019 EQUIPMENT RATES

CONFIDENTIAL

ID #	DESCRIPTION	HOURLY
<u>VEHICLES</u>		
A 01	6X6 Off Road Haul Truck	\$ 118.75
A 02	Flatbed Dump Truck	\$ 33.25
A 03	Quad Axle Dump Truck	\$ 68.40
A 04	Skid Truck, Roll Off	\$ 49.65
A 05	Tandem Axle Dump Truck	\$ 49.45
A 06	Water Truck	\$ 32.10
A 07	Winch Truck	\$ 30.75
B 01	Pickup Truck, 1/2 Ton	\$ 22.00
B 02	Pickup Truck, 3/4 Ton	\$ 24.65
B 03	IUOE Pickup Rentals (DAILY)	\$ 65.00
B 04	Union Stewards Pickup Rentals (DAILY)	\$ 75.00
C 01	Semi Tractor	\$ 70.35
C 02	Semi Tractor W/ Crane	\$ 64.95
E 01	Bridge Inspection Truck	\$ 25.60
E 02	Bus	\$ 17.15
E 03	Fuel Truck- < 3,000 gal.	\$ 31.75
E 04	Fuel Truck - 4,000 gal.	\$ 87.90
E 05	Hydro Excavating Truck	\$ 160.60
E 06	Knuckle boom Truck	\$ 41.90
E 07	Lube Truck	\$ 44.90
E 08	Grapple Truck	\$ 72.65
E 09	Vacuum Truck	\$ 70.65
F 01	Utility Truck 1 Ton	\$ 27.20
F 02	Utility Truck 2 Ton	\$ 42.70
F 03	Pipe fitting Truck	\$ 30.75
F 04	Welding Truck	\$ 30.10
F 05	Mechanics Truck	\$ 48.60
G 01	Bucket Truck	\$ 36.95
G 02	Bucket Truck (48-60 Ft.)	\$ 41.15
G 03	Digger Derrick Truck	\$ 46.00
<u>TRAILERS</u>		
D 01	Arrow Board Trailer	\$ 6.65
D 02	Brush Chipper	\$ 16.75
D 03	Flat bed Trailer	\$ 6.00
D 04	Frac Tank	\$ 7.15
D 05	Low Boy Trailer - 2 Axle	\$ 10.85
D 06	Low Boy Trailer - 3 Axle	\$ 22.50
D 07	Low Boy Trailer - 4 Axle	\$ 22.50
D 08	Office Trailer	\$ 22.50
D 09	Pintle Hitch Pipe Trailer	\$ 6.00
D 10	Pintle Hitch Trailer - 2 Axle	\$ 6.00
D 11	Pintle Hitch Trailer - 3 Axle	\$ 6.00
D 12	Pipe Trailer	\$ 6.00
D 14	Step deck Trailer	\$ 6.00
D 15	Survey Trailer - HDD	\$ 22.50
D 16	Tanker Trailer	\$ 6.00
D 17	Testing Trailer	\$ 22.50
D 18	Tool / Parts Trailer	\$ 22.50
D 19	Tool / Parts Van	\$ 22.50



2019 EQUIPMENT RATES

CONFIDENTIAL

ID # DESCRIPTION HOURLY

TRAILERS (continued)

D 20	Vacuum Excavation Trailer	\$	26.10
D 21	Traileze Tandem Axle Equip. Trailer	\$	3.65
D 22	Coiled Pipe Trailer	\$	3.65
D 23	40' Pipe Trailer	\$	3.65
D 24	12' - 20' Wells Cargo Trailer	\$	3.65

CRANES

E 10	Telescopic Fork Lift (10K-12K LB)	\$	57.15
E 11	Telescopic Man Lift	\$	39.10
E 12	20 Ton RT Crane	\$	39.00
E 13	30 Ton RT Crane	\$	47.35
E 14	35 Ton RT Crane	\$	71.15
E 15	45 Ton RT Crane	\$	79.00
E 16	65 Ton RT Crane	\$	101.45
E 17	75 Ton RT Crane	\$	107.95
E 18	90 Ton RT Crane	\$	139.45
E 19	130 Ton RT Crane	\$	200.45
E 20	40/50 Ton Crawler Crane	\$	65.70
E 21	60/80 Ton Crawler Crane	\$	89.45
E 22	90/100 Ton Crawler Crane	\$	124.15
E 23	Truck Crane 15 Ton	\$	35.90
E 24	Truck Crane 25 Ton	\$	50.65
E 25	Truck Crane 35 Ton	\$	62.25
E 26	Timber Pro Logging Rig	\$	124.10

TRENCHERS - Carbide teeth extra

H 01	360 RT Trencher	\$	16.35
H 02	660 RT Trencher	\$	29.25
H 03	960 RT Trencher	\$	52.65
H 04	TA - 65 - Barber Green	\$	88.95
H 05	Tesmec Rock Saw	\$	160.95
H 06	Tesmec 1175	\$	326.15
H 07	Vermeer Rock Saw	\$	148.65
H 08	Walk behind Trencher	\$	6.85

BACKHOES / EXCAVATORS

Q 01	Mini Backhoe	\$	20.20
Q 02	J-D 110 Backhoe	\$	21.20
Q 03	NH LB 110 / J-D 310 Backhoe	\$	33.95
Q 04	NH LB 115 Backhoe	\$	46.95
Q 05	Mobile RT Excavator	\$	91.25
N 01	Mini Excavator	\$	20.20
N 02	J-D 35 Excavator	\$	20.20
N 03	J-D 50 Excavator	\$	20.20
N 04	CAT 315 / J-D 135 Excavator	\$	65.50
N 05	Komatsu 120 Excavator	\$	65.50
N 06	CAT 320 / 322 Excavator	\$	89.40
N 07	Komatsu 220 Excavator	\$	89.40
N 08	CAT 330 Excavator	\$	124.85
N 09	Komatsu 300 Excavator	\$	124.85
N 10	J-D 350 Excavator	\$	124.85



2019 EQUIPMENT RATES

CONFIDENTIAL

ID # DESCRIPTION HOURLY

BACKHOES / EXCAVATORS (continued)

N 11	Komatsu 400 Excavator	\$	155.65
N 12	CAT 345 Excavator	\$	155.65
N 13	J-D 450 Excavator	\$	155.65
N 14	John Henry - Rock Blasting Drill	\$	230.50

EXCAVATOR ATTACHMENTS

S 01	Breaker - 110 Backhoe	\$	9.65
S 02	Breaker - 322 & Smaller Excavator	\$	25.20
S 03	Breaker - 330 Excavator	\$	30.40
S 04	Breaker - 345 Excavator	\$	40.65
M 01	Compactor - Backhoe	\$	5.35
M 02	Compactor - Excavator	\$	8.90
M 03	Padding Bucket	\$	45.65
M 04	Vacuum Pipe Lift	\$	23.40
M 05	Sheeting Hammer	\$	75.45

CRAWLER TRACTORS

P 04	CAT - D-4 - Dozer	\$	37.75
P 05	CAT - D-5 - Dozer	\$	51.00
P 06	CAT - D-6 - Dozer	\$	67.85
P 07	CAT - D-7 - Dozer	\$	86.65
P 08	CAT - D-8 - Dozer	\$	194.50
P 36	CAT - D-9 - Dozer	\$	264.70
P 09	CAT - Challenger Tractor	\$	34.20
P 10	CAT -Tack Tractor	\$	77.95
P 11	Delta - W/ Brush Cutter	\$	53.95
P 12	J-D 450 Dozer	\$	37.75
P 13	J-D 850 Dozer	\$	81.45
P 14	800 Track Dump Truck	\$	27.90
P 15	1500 Track Dump Truck	\$	52.90
P 16	2200 Track Dump Truck	\$	66.45
P 17	3300 Track Dump Truck	\$	78.95
P 18	Posi-Track Loader	\$	29.15
P 19	Posi-Track Loader w/Attachments	\$	39.40
P 21	Delta 150/190 Cable Plow	\$	48.60
P 22	D7 Cable Plow	\$	69.35

END LOADERS, RUBBER TIRE EQUIPMENT, ROLLERS

P 23	Skid Steer Loader	\$	29.15
P 24	CAT- 928 Loader	\$	52.20
P 25	J-D 624J Loader	\$	52.20
P 26	CAT- 936 Loader	\$	65.75
P 27	CAT- 966 Loader	\$	115.10
P 28	L 70 & 90 - Volvo / J-D 544J Loader	\$	52.20
P 29	L 120 - Volvo Loader	\$	52.20
P 30	L 150 - Volvo Loader	\$	75.75
P 31	Loader w/ Iron Wolf Grinder	\$	135.50
P 32	Small Two drum Roller	\$	23.50
P 33	Large Single Drum Roller	\$	66.65
P 34	CAT- 140 G - Grader	\$	133.60
P 35	CAT- 16 Grader	\$	153.50



2019 EQUIPMENT RATES

CONFIDENTIAL

ID # DESCRIPTION HOURLY

BENDING MACHINES - Bending set extra

R 20	Pipe Bender - 6" - 24"	\$	40.15
R 30	Pipe Bender - >24"	\$	95.75

LANDSCAPE EQUIPMENT

T 01	Small Utility Tractor	\$	19.15
T 02	Tractor W/Broom	\$	16.15
T 03	40 - 60 HP Farm Tractor	\$	34.85
T 04	80 - 120 HP Farm Tractor	\$	66.10
T 05	Chisel Plow	\$	8.20
T 06	Disc	\$	8.90
T 07	Power Rake	\$	9.75
T 08	Rock Picker	\$	8.90
T 09	Rock Rake	\$	8.90
T 10	Seeder	\$	8.90

SIDE BOOMS

U 3	RT - Side boom	\$	22.85
U 4	D-4 - Side boom	\$	98.90
U 5	D-5 - Delta Side boom	\$	101.40
U 6	561 - Side boom	\$	101.40
U 7	572 - Side boom	\$	115.75
U 8	583 - Side boom	\$	138.35
U 9	587 - Side boom	\$	180.65
U 10	594 - Side boom	\$	180.65

GENERATORS

V 01	0 - 10 KW - Generator	\$	7.15
V 02	11 - 50 KW - Generator	\$	23.85
V 03	51 - 125 KW - Generator	\$	39.20
V 04	126 - 400 KW - Generator	\$	61.75

PUMPS

W 03	3" Gas powered Pump	\$	8.75
W 04	6" Diesel powered Pump	\$	27.15
W 05	2" Electric Pump	\$	3.45
W 06	3" Electric Pump	\$	5.90
W 07	4" Electric Pump	\$	12.50
W 08	6" Electric Pump	\$	12.50
W 09	Concrete Pump	\$	48.40
W 10	Dewatering Pump	\$	47.45
W 11	Fill / Test Pump	\$	40.15
W 12	Grout Pump	\$	34.40
W 13	Slurry Pump	\$	34.40
W 14	Small Triplex Pump	\$	6.45

AIR COMPRESSORS

X 00	Air Compressor 0-85 CFM	\$	9.45
X 01	Air Compressor 90- 250 CFM	\$	17.50
X 02	Air Compressor 425 CFM	\$	34.45
X 03	Air Compressor 750 CFM	\$	39.45



2019 EQUIPMENT RATES

CONFIDENTIAL

ID # DESCRIPTION HOURLY

AIR COMPRESSORS (continued)

X 04	Air Compressor 900 CFM	\$	61.75
X 05	Air Compressor 1200 CFM	\$	71.75
X 06	Air Compressor 1600 CFM	\$	81.75

BORING EQUIPMENT

Z 1	Auger Bore 6" - 24"	\$	40.65
Z 2	Auger Bore 30" - 42"	\$	102.90
Z 3	Auger Bore > 42"	\$	299.45
Z 20	Auger Bore - Cradle	\$	94.50
Z 4	Vermeer D10x15	\$	89.35
Z 5	Vermeer D16x20A	\$	89.35
Z 6	Vermeer D24x40A	\$	116.25
Z 7	Vermeer D33x44	\$	150.00
Z 8	Vermeer D50x100A	\$	174.50
Z 9	Vermeer D100x120	\$	233.70
Z 10	Mud rig, International 7600	\$	74.60
Z 11	Mud Pump for DD50	\$	62.15
Z 12	Mud Pump for DD150	\$	91.85
Z 13	Hole Hog, 2"	\$	6.10
Z 14	Hole Hog, 4"	\$	6.95
Z 15	Hole Hog, 6"	\$	7.85
Z 16	18" Casing Hammer	\$	342.10
Z 17	24" Casing Hammer	\$	386.90
Z 18	Ditch Witch 100 A/T HDD Drill Rig	\$	357.25
Z 19	Ditch Witch 4020 A/T HDD Drill Rig	\$	174.50

MISCELLANEOUS

Y 01	Air Drill / Spade / Hammer	\$	1.45
Y 02	Air Monitor	\$	9.40
Y 03	All Terrain Vehicle	\$	10.95
Y 04	Arrow Hammer	\$	20.45
Y 05	ATV- 6x6 18" Tracks	\$	23.45
Y 06	ATV- with Tracks	\$	11.15
Y 07	Beveling Machine	\$	1.35
Y 08	Boat w/Motor	\$	5.45
Y 09	Box Truck Foam System	\$	53.85
Y 10	Butt Fusion Mach. 2"-6"	\$	10.60
Y 11	Butt Fusion Mach. 8"-18"	\$	18.35
Y 12	Butt Fusion Mach. 20"-36"	\$	130.20
Y 13	Cable/Pipe Locator	\$	5.40
Y 14	Chain Saw	\$	6.00
Y 15	Circular Saw	\$	1.85
Y 16	Compactor - Plate Hand Held	\$	9.00
Y 17	Compactor - Rammer	\$	10.35
Y 18	Concrete Saw	\$	27.25
Y 19	Core Boring Machine	\$	19.15
Y 20	Cut Off Saw	\$	6.00
Y 21	Cutting torch w/ Gases	\$	5.75
Y 22	Epoxy Coating System	\$	44.00
Y 24	Ground Thaw unit	\$	38.10



2019 EQUIPMENT RATES

CONFIDENTIAL

ID #	DESCRIPTION		HOURLY
MISCELLANEOUS (continued)			
Y 25	Hydraulic Torque Wrench	\$	59.90
Y 27	Hydro-Seeder	\$	16.00
Y 28	Level, Laser	\$	18.95
Y 29	Level, Transit	\$	10.15
Y 30	Light Plant	\$	12.65
Y 31	Manhole Ventilator	\$	4.35
Y 32	Marooka Foam System	\$	73.45
Y 34	Pipe Cradle	\$	5.70
Y 35	Pipe Rollers	\$	12.95
Y 36	Pipe Threading Machine	\$	8.95
Y 37	Pressure Washer	\$	22.65
Y 38	Road Plates - 8' X 12'	\$	6.25
Y 39	Road Plates - 8" x 20'	\$	8.10
Y 40	Sandblaster	\$	23.15
Y 41	Sheeting Driver - air	\$	12.20
Y 42	Sheeting Extractor	\$	14.75
Y 43	Small Tools	\$	17.90
Y 44	Sod Cutter	\$	9.20
Y 45	SPY Jeep	\$	3.40
Y 46	Straw Blower	\$	13.90
Y 47	Top Soil Shredder	\$	16.20
Y 48	Trench Shield	\$	36.65
Y 49	Trimble 730 Total Station	\$	58.15
Y 50	Water Canon	\$	16.15
Y 51	Welder - < 250 amp	\$	6.75
Y 52	Welder - > 250 amp	\$	15.90
Y 53	Asphalt Zipper	\$	15.00
Y 54	Mats - Standard Wood (per Day)	\$	5.00
Y 55	Mats - Bridge Wood (per Day)	\$	21.00
Y 56	Mats - Composite (per Day)	\$	5.00

**CASITAS MUNICIPAL WATER DISTRICT
MEMORANDUM**

TO: MICHAEL FLOOD, INTERIM GENERAL MANAGER

FROM: JULIA ARANDA, ENGINEERING MANAGER

SUBJECT: AUTHORIZE GENERAL MANAGER TO SIGN PROFESSIONAL SERVICES AGREEMENT FOR COMPREHENSIVE WATER RESOURCES PLAN

DATE: 01/09/19

RECOMMENDATION:

It is recommended the Board of Directors authorize the General Manager to enter into an agreement for professional engineering consulting services with Stantec Consulting Services, Inc. (Stantec) for preparation of the Comprehensive Water Resources Plan and Safe Yield Analysis for a fee not to exceed \$398,390.

BACKGROUND AND DISCUSSION:

The District issued a Request for Qualifications/Proposal (RFQ/P) for the Comprehensive Water Resources Plan (CWRP) in July 2018 and only one submittal was received. The RFQ/P was re-issued in October 2018 and submittals were received from Dudek, Water Systems Consulting, and Stantec. District engineering staff and the Interim General Manager reviewed the proposals and invited all three firms to participate in an interview to expand on their qualifications, experience, and approach to the project. Based on the results of the evaluation and interview, Stantec was the unanimous highest-ranked firm.

Stantec understands the challenges the District is facing with the current drought and lake level and has proposed an Early Action Plan to quickly screen all the past water supply options and identify those that can be implemented within a few months. Stantec developed the Water Research Foundation's guidance manual, *Framework for Evaluating Alternate Water Supplies: Balancing Cost with Reliability, Resiliency, and Sustainability* which incorporates best practices from leading water utilities across the US. Stantec's team also includes Consensus, a public relations firm responsible for stakeholder engagement.

Key project tasks include:

- Project Management, Meetings and Quality Assurance/Quality Control
- Information Gathering
- Stakeholder Engagement Plan and ongoing stakeholder involvement
- Early Action Plan
- Evaluate Safe Yield of Lake
- Develop Water Supply Alternatives
- Develop Ranking Criteria and Decision-Support Tool
- Develop Conceptual Plans for Water Supply Projects
- Review Funding Sources

- Prepared Draft and Final Comprehensive Water Resources Plan

Stantec presented two options for the safe yield analysis of the lake. The first option includes adjusting the input parameters of the existing model and repeating the safe yield analysis using a scenario approach that recognizes the uncertainty in future hydrology. The results will provide a range of future conditions the District can plan for, and a broader understanding of how much supply could be affected in the future. This update can be completed in approximately three months. The second option is a model upgrade to perform the full robust hydrologic resequencing and climate modification analysis. For this, the District would need a new data management system for the existing system model and possibly additional data. This effort would take five to six months to complete. Staff recommends the first option be authorized at this time, and a longer-term project for the development of a robust model be included in the budget for fiscal year 2019-20.

Stantec is well qualified and committed to completing the Comprehensive Water Resources plan in a timely fashion. The proposal includes the following schedule milestones:

Early Action Plan	April 2019
Safe Yield Update Tech Memo (Option 1)	June 2019
Water Supply Alternatives Tech Memo	August 2019
Funding Alternatives Tech Memo	September 2019
Draft CWRP	October 2019
Final CWRP	November 2019

BUDGET IMPACT:

This project was not included in the fiscal year 2018-19 budget. The base fee proposal from Stantec is \$367,186 for preparation of the Comprehensive Water Resources Plan, including the Early Action Plan. The two options for the Safe Yield analysis are \$31,204 to update the existing model and \$67,752 for a model upgrade.

Total with Option 1	\$398,390
Total with Option 2	\$434,938

Attachment:
Proposal from Stantec Consulting Services, Inc.



Stantec Consulting Services Inc.
111 E. Victoria St.
Santa Barbara, CA 93101

January 2, 2019
File: 184032004

Attention: Ms. Julia Aranda
Casitas Municipal Water District
1055 Ventura Avenue
Oak View, CA 93022

VIA EMAIL: jaranda@casitaswater.com

Dear Ms. Julia Aranda

Reference: Comprehensive Water Resources Plan Scope of Work

SCOPE OF SERVICES

Stantec will prepare the Casitas Municipal Water District (Casitas) Comprehensive Water Resources Plan. The tasks proposed to be completed are described below.

TASK 1 – PROJECT MANAGEMENT

1.1 Project Management

Stantec will implement its formal project management framework that must be applied to all projects. The framework is tailored to each project based on its size and complexity. Stantec will prepare a Project Management Plan that will include the following components:

- Scope of Work
- Budget
- Schedule
- Quality Control/Quality Assurance Plan—This plan will describe how work products and analyses will be checked by internal subject matter experts. All project deliverables will be reviewed by one of the Strategic Advisors prior to submittal to Casitas.
- Communications Plan—This plan will describe lines of communication between the Stantec team and Casitas, and between the Stantec team and external stakeholder groups.
- Risk Register—This will include a list of possible project risks in technical, schedule, budget, and management categories, as well as proposed mitigation strategies to be implemented by Stantec.
- Change/Issues Log—This is a log of direction provided by Casitas to address changes to the scope and budget.

Stantec will submit monthly invoices and brief progress reports providing the status of scope, schedule and budget.

Reference: **Comprehensive Water Resources Plan Scope of Work**

1.2 Quality Control/Assurance

Stantec will implement quality control/assurance procedures to check all work products for accuracy and use of best practices. All project deliverables will be checked by one of Stantec's senior project team members.

1.3 Meetings

Stantec will attend the following meetings at the District offices unless otherwise noted:

- Project kickoff meeting, including the key Stantec staff and Casitas staff.
- Monthly progress meetings—these will be in person meetings and will focus on key milestones when important decisions need to be made; some team members may attend via conference call when providing routine project status updates. (assumes up to 10 meetings)
- Project updates at Water Resources Committee meetings—we will prepare presentation materials for use by Casitas staff or by our project staff as desired. (assumes up to 3 meetings)
- Three (3) presentations at Casitas Board meetings—we will prepare presentation materials for use by Casitas staff or by our project staff as desired.
- Meeting to review Draft Comprehensive Water Resources Plan—this in-person meeting will be conducted to review the draft Comprehensive Water Resource Plan report and recommendations.
- A final board meeting to present the final Comprehensive Water Resources Plan

For all meetings Stantec will prepare and distribute an electronic copy of the draft agenda a minimum of three (3) days prior to each meeting. Stantec will prepare and distribute an electronic copy of the meeting minutes a minimum of five (5) days after each meeting.

1.4 Stakeholder Engagement

Stantec will implement a stakeholder engagement program in close coordination with Casitas. The stakeholder engagement program will be implemented in two phases.

1.4.1 Phase 1 - Initial Information Gathering and Outreach

Phase 1 activities will include:

1. Prepare Stakeholder Engagement Plan.
2. Create and update the stakeholder database in the Stakeholder Engagement Plan, which lists known stakeholder groups (e.g., Ojai FLOW, Ojai Valley Land Conservancy, Ojai Valley Sanitary District, Ojai Valley Water Advisory Group, Ojai Water Conservation District, City of Ojai, US Bureau of Reclamation, US Forest Service, Ventura River Water District, Oak View, Meiners Oaks, Ventura County).
3. Develop themes and messaging framework for engaging with the community and stakeholders.
4. Develop simple online microsite for the community to ask questions and express concerns.
5. Conduct outreach to elected officials at the County and City levels to help ensure Casitas has identified the key stakeholders they would like to participate in the process (e.g. City of Ventura, County of Ventura, and City of Ojai).

Reference: Comprehensive Water Resources Plan Scope of Work

1.4.2 Phase 2 - Ongoing Stakeholder Involvement

Phase 2 activities will include:

1. Support community outreach meetings for each of the stakeholders identified in Phase 1. This will include up to 12 outreach meetings. A summary of the initial issues, questions, feedback and concerns raised by the stakeholders will be provided to the team for use in updating the Stakeholder Engagement Plan. The summary information will be presented at a Casitas Board meeting.
2. Launch online microsite for broader community input.
3. Update themes and messaging framework for the proposed solutions as a result of the community outreach effort.
4. Conduct a final meeting with the Casitas Board to present results of the Comprehensive Water Resources Plan, with an invite to all stakeholders.

TASK 1 DELIVERABLES

1. Project Management Plan in PDF format (A hardcopy will be available upon request)
2. Monthly invoices
3. Monthly updated project schedule
4. Meeting agendas and minutes (delivered as outlined in task 1.3)
5. PowerPoint presentations (delivered electronically; assumes three (3) board presentations, three (3) Water Resources Committee presentations, one (1) draft plan review presentation, and one (1) final plan review presentation)
6. Stakeholder Engagement Plan in PDF format (A hardcopy will be available upon request)

TASK 2 – REVIEW AND SUMMARIZE EXISTING PLANNING DOCUMENTS AND CURRENT PROJECT STATUS

2.1 Review Existing Planning Documents

Stantec will review existing planning documents available from Casitas and other sources that describe water supplies, demands, existing water sources, and potential future projects. In addition, to assessing previous supply options in this task, Stantec will also review previous demand forecasts for the Casitas service area. Stantec will review past demand estimates in light of recent drought and significant conservation efforts and adjust if needed to provide realistic forecasts of future demand in the service area.

2.2 Review Water Security Project Status

Stantec will review the status of existing water security projects on which Casitas is currently working and/or coordinating with other agencies. These include the State Water Project Interconnection and Matilija Formation Deep Wells.

Reference: Comprehensive Water Resources Plan Scope of Work

2.3 Summarize Existing Planning Documents and Status of Current Water Supply Projects

Stantec will prepare a Background Information Technical Memorandum (TM) that summarizes the review of previous demand estimates, water supply options, and current status of water security projects. The TM will discuss the advantages and disadvantages of the alternatives from their respective studies and evaluate whether they are viable alternatives to reconsider. The information will be presented in matrix, figure or graphical format that can be presented to the general public as an informational tool. The TM will recommend options to be evaluated further in Task 3.

The TM will be formatted to become Section 2 of the final project report. The draft TM will be submitted to Casitas for review and comment, and comments will be incorporated into a final TM. The draft TM will represent a key project milestone; it will be reviewed in a face-to-face monthly progress meeting with Casitas.

2.4 Early Action Plan (Alternate Task)

If approved by Casitas, Stantec will help Casitas develop an Early Action Plan to address the current water supply crisis as expeditiously as possible.

Stantec will quickly screen all the past water supply options and identify those that can be implemented within a few months. Stantec will perform a rapid assessment of those options and work with Casitas staff to recommend those that have the most chance of success and prepare a high-level implementation strategy. Accompanying the technical assessment will be a stakeholder involvement effort as described in Phase 1 of the Stakeholder Engagement task to assess the level of public acceptance for candidate immediate strategies.

The result of this task will be a brief write-up and presentation of the proposed strategy that staff can use with Board members, stakeholders and the public to demonstrate it has a plan to mitigate the current situation and is taking action. The Early Action Plan will keep in mind the potential long-range water supply options, so early actions do not preclude pursuing other opportunities in the future. This task would be completed within three (3) months from award of contract.

TASK 2 DELIVERABLES

1. Early Action Plan, if approved, in PDF format (A hardcopy will be available upon request)
2. Matrix and graphical exhibit of previously identified water supply alternatives in electronic format
3. Draft Background Information TM in PDF format (a hardcopy will be available upon request)
4. Final Background Information TM in PDF format (a hardcopy will be available upon request)

TASK 3 – DEVELOP WATER SUPPLY ALTERNATIVES

3.1 Develop Long List of Options

Stantec will develop a list of potentially feasible water supply alternatives based on the outcome of Task 2, supplemented by other input from Casitas, stakeholders, and the consultant team. This list could include

Reference: Comprehensive Water Resources Plan Scope of Work

the State Water Project Interconnection, Matilija Formation Deep Wells, other regional projects, other groundwater development, seawater desalination, stormwater harvesting, and demand management. The list will be made as broad as possible to assure that all potentially feasible options are addressed.

3.2 Develop Ranking Criteria and Decision-Making Tool

Stantec will develop ranking criteria based on the criteria used in Task 2 to describe alternatives identified in previous studies. These criteria may be refined, and other criteria may be added based on the need to discriminate among options on the long-list of alternatives. Criteria will cover technical requirements as well as Triple Bottom Line factors and may include cost-benefit, regulatory constraints, timeline, risk versus reliability, and vulnerability to impacts associated with climate change. Criteria will be validated by Casitas in a monthly progress meeting.

Development of water supply solutions in an environment of uncertainty around future climate, future growth, and future economic conditions requires a process that applies risk-based planning methods. Scenario planning is a strategy for incorporating future uncertainty. This approach develops different versions of the future (e.g., different combinations of demand levels and hydrologic/climate conditions) and finds robust water supply solutions that would be effective across all the possible futures. Stantec will develop two narrative futures for planning that represent high and low bookends of supply and demand; these may be described on a semi-quantitative basis. This will be accomplished fairly simply using past Lake Casitas safe yield estimates and alternate growth and economic forecasts at the regional or County level. Having at least two future scenarios will provide Casitas useful information on the range of possible future conditions it could face when needing to meet customer demands with available supplies.

Stantec will prepare a decision support tool to assist Casitas and stakeholders in evaluating the sensitivity of each alternative to the various factors (assessment criteria). Selection of the decision support tool will be made by Casitas based on options provided by Stantec, varying from Excel-based tools to vendor-supplied tool. The decision support tool will include graphical output showing how each project responds to the factors and how those responses influence their rating and ranking.

3.3 Develop Water Supply Projects

Based on the outcome of the alternative evaluation process using the decision support tool with Casitas and stakeholders, Stantec will coordinate with Casitas to select up to six alternatives that have the most potential for successfully meeting Casitas' needs across the two scenarios developed in task 3.2. In addition to performing well against the criteria identified previously, alternatives must be able to meet short-, mid-, and/or long-term needs of Casitas. Stantec will include alternatives that can meet Casitas' immediate needs and can be implemented in a short period of time, as well as those that involve a longer implementation period and can meet Casitas' long-term needs.

Stantec will prepare the following for the up to six selected alternatives:

- Conceptual level layout and design of required facilities. This will consist of facility maps and schematic drawings showing relationships to other facilities, and approximate facility sizes and

Reference: Comprehensive Water Resources Plan Scope of Work

locations. Where possible this information will be based on the data extracted from the previous studies reviewed in Task 2, with updates to reflect current conditions and project needs.

- Conceptual cost estimate. This will consist of a construction cost estimate at an AACE Class 5 level, or Class 4 where sufficient information is available. Where applicable, cost estimates will be updated from previous studies to reflect currently feasible project configurations and sizes, and if possible, past cost estimates will be escalated to current conditions using common construction cost indexes such as the ENR Construction Cost Index.
- Regulatory Permits. This will consist of a list of the major regulations, permits, and water administration factors affecting implementation and operation of the facility.
- Environmental Compliance. This will consist of an assessment of the nature and complexity of environmental studies, permits, mitigation, and other factors associated with compliance with environmental laws and regulations (e.g., CEQA/NEPA compliance). This will also consider the water quality delivered by the alternative, and any treatment requirements necessary to be consistent with current drinking water quality provided to Casitas customers.
- Inter-Agency Coordination. This will consist of a description of the level and complexity of necessary coordination with other local or state agencies to implement and operate the alternative. It is anticipated that some alternatives can be implemented by Casitas alone, while others could require significant coordination and cooperation with other agencies (e.g., State Water Project Interconnect).
- System Integration. This will consist of a description of how alternatives would connect to and be operated in conjunction with current Casitas assets. In addition to how physical connections would be made, this section will describe how the new water resources would be used on conjunction with current resources (e.g., as drought supply, wet year supply, or base supply).
- Timeline. This will consist of an assessment of the time required to design and implement each alternative. Key implementation tasks and milestones (e.g., engineering studies, preliminary and final design, major permits, agreements with other agencies, construction) will be shown on an implementation schedule. It will also indicate whether the alternative can be used as a short-, mid-, or long-term solution.
- Phasing. This will consist of an assessment of whether implementation of the alternative can be phased over time.

Stantec will combine individual project alternatives into water supply portfolios that are capable of meeting the future water supply needs for Casitas. Portfolios will be assessed using the same or similar criteria as the individual alternatives.

Results from Task 3 will be summarized in a Water Supply Alternatives TM. The TM will be formatted to become Sections 4, 5 and 6 of the final project report. A draft TM will be provided to Casitas for review and comment. A final TM will not be prepared, but comments will be incorporated into the final report sections.

TASK 3 DELIVERABLES

1. Decision-support tool in electronic format
2. Draft Water Supply Alternatives TM in electronic format (a hardcopy will be available upon request)

Reference: Comprehensive Water Resources Plan Scope of Work

TASK 4 – REVIEW FUNDING ALTERNATIVES

4.1 Review Funding Alternatives

Stantec will prepare a conceptual funding plan that will look at the various funding options including grants, loans, bonds, rate and fee revenues, cost-sharing with regional partners, and public-private partnerships. The funding plan will include advantages and disadvantages of each funding source based on criteria including customer rate impacts, the implementation timeline, leveraging of outside funding sources, administrative obligations, Casitas control, and any other key information relevant to the project(s).

The funding plan will also include potential rate impacts to customers based on estimated project costs and potential equivalent dwelling units (EDUs) served by the project(s). This will provide Casitas a way to evaluate the potential impact of various project options.

The funding plan will provide Casitas with a road map and/or strategies for funding and implementing the project(s). Stantec will summarize results of the funding review in an Alternative Funding Mechanisms TM. The TM will be formatted to become Section 7 of the final project report. A draft TM will be provided to Casitas for review and comment. A final TM will not be prepared, but comments will be incorporated into the draft Comprehensive Water Resources Plan report. Task 5 – Draft and Final Comprehensive Water Resources Plan.

TASK 4 DELIVERABLES

1. Draft Alternatives Funding Mechanisms TM in electronic format (a hardcopy will be available upon request)

TASK 5 – COMPREHENSIVE WATER RESOURCES PLAN

5.1 Draft Comprehensive Water Resources Plan

Stantec will prepare a draft Comprehensive Water Resources Plan report to serve as the blueprint for addressing Casitas' existing and future water supply challenges. The first step in this task will be to develop a final report outline. Unless revisions are approved, this will follow the report outline provided in the Request for Proposal (RFP). The recommended projects and programs will be described at a conceptual level including an implementation schedule and specific tasks for further evaluation and study.

The Plan will incorporate the Background Information TM, Water Supply Alternatives TM, and Alternative Funding Mechanisms TM, which will be formatted as sections in the final report.

The Plan will rely heavily on tables and figures to present information in a manner accessible to the public and nontechnical decision makers. In particular, the Executive Summary will be a public-facing document that assists Casitas in communicating its process and recommendations to the public and stakeholders in a convincing manner. The Plan report will be prepared in a searchable, indexed PDF format.

The Plan will include recommendations for next steps. Depending on the outcome of Task 3, this may consist of a strategy for implementing a single alternative, or a strategy for pursuing multiple alternatives in

Reference: Comprehensive Water Resources Plan Scope of Work

parallel. Recommendations will also include triggers for implementing mid- and long-term solutions that would be dependent on future conditions such as drought/climate change, demand increases, or decisions by other regional or State agencies.

Stantec will meet with Casitas to review the draft plan and obtain comments to be incorporated into a final plan.

5.2 Final Comprehensive Water Resources Plan

Stantec will incorporate agreed upon comments into a final Comprehensive Water Resources Plan. As defined in the RFP, the Plan report will be prepared in a searchable, indexed PDF format. The final report will be stamped and signed by a Professional Engineer in the State of California.

TASK 5 DELIVERABLES

1. Draft Comprehensive Water Resources Plan in PDF format (hard copies available upon request)
2. Final Comprehensive Water Resources Plan in PDF format (hard copies available upon request)

TASK 6 – EVALUATE LAKE CASITAS SAFE YIELD

This task was not in the original RFP. It was requested by Casitas subsequent to selection of Stantec to perform the Comprehensive Water Resources Plan study.

Background

Casitas has used the “safe yield” concept in its past water resources plans. By definition the safe yield of a reservoir is the largest demand that can be met from the reservoir in every year during a given hydrologic period without the reservoir storage falling below a minimum allowable level.

The current Lake Casitas safe yield estimate of 20,540 acre-feet per year (AFY) is based on a modeling analysis performed by Casitas in 2004 and summarized in a report that is appended to the 2016 Urban Water Management Plan (Water Supply and Use Status Report, December 2004, prepared by Casitas staff). The modeling analysis used the historical hydrologic record from 1945-2003 and identified a 21-year critical period to determine the safe yield. The safe yield of 20,540 AFY accounts for removal of Matilija Dam and operation of the Robles Diversion Fish Passage project. The UWMP adopted this safe yield value for all future planning conditions.

The safe yield concept has a number of technical flaws in the current water supply planning context. The primary problem is that it assumes historical hydrology will repeat in the same sequence as occurred in the past. In an era of climate change and uncertainty, this assumption is flawed in that it does not account for possible shifts in temperature or precipitation in the future, or for the possibility of longer droughts than occurred in the past. California’s Fourth Climate Change Assessment, Statewide Summary Report notes that both these trends are highly likely in the future (State of California, 2016). In addition, the safe yield concept assumes water demand is constant in every year. In reality demand is variable from year to year and affected by weather on a daily to monthly time-scale, climate on a decadal and longer time scale, and by human factors such as demand management programs. For these reasons many water utilities are moving away from the safe yield concept and adopting risk-based or reliability-based approaches to

Reference: Comprehensive Water Resources Plan Scope of Work

planning in which estimates of water availability are based on probabilistic concepts, e.g., “under a given set of future conditions, a water demand of X AFY can be met Y% of the time” (Water Research Foundation, Framework for Evaluation Alternative Water Supplies, 2018).

While Casitas may choose to move to a more risk-based planning approach in the future, the District has indicated it wants to update the current safe yield estimate for the Comprehensive Water Resources Plan to account for possible future climate change. Stantec has identified the following two possible scope of work options to accomplish this task, depending on the availability of past data and the level of effort Casitas wants to invest in this task.

6.1 – Evaluate Lake Casitas Safe Yield

Option 1 - Reanalysis of Safe Yield Using Adjusted Historical Hydrology

This option requires availability of the water supply model used to estimate the Lake Casitas safe yield from the 2004 report.

Stantec will use estimates of future temperature and precipitation from the Assessment and other sources to develop adjusted parameters used in the Lake Casitas safe yield model based on offsets from historical temperature and precipitation. The modified model input will be used to estimate an adjusted safe yield based on the historical hydrologic sequence of years under moderate and severe climate change conditions. This will result in three water availability scenarios: the current estimated safe yield based on historical hydrology, an adjusted safe yield assuming moderate climate change effects, and an adjusted safe yield assuming severe climate change effects.

Option 2 – Probabilistic Yield Analysis Using Resequenced, Adjusted Historical Hydrology (Alternate)

This option requires availability of the water supply model used to estimate the Lake Casitas safe yield from the 2004 report, or development of a new model of Lake Casitas hydrology and operations. Budget and schedule estimates assume the 2004 model is available to Stantec.

Stantec will use accepted statistical methods to resequence historical hydrologic data required by the Lake Casitas model such that historical means and standard deviations are preserved. One hundred “baseline” hydrologic sequences will be developed that have the same statistics as the historical record, but that may contain longer and more severe drought periods. The Lake Casitas model will be used to simulate each of the 100 baseline hydrologic sequences, and estimate the yield that can be met for different reliabilities (e.g., 50% to 100%) across the entire hydrologic ensemble for baseline conditions. Stantec will use estimates of future temperature and precipitation from the Assessment and other sources to develop adjusted parameters used in the Lake Casitas safe yield model based on offsets from historical temperature and precipitation. Modified model input parameters will be based on temperature and precipitation offsets for two future climate conditions: moderate climate change effects and severe climate change effects. Stantec will then apply the adjusted model parameters and estimate the yield that can be met for different reliabilities across the range of 100 hydrologic sequences for the two future climate conditions. This will result in probabilistic yield estimates for three scenarios – baseline and two future climate conditions.

Reference: Comprehensive Water Resources Plan Scope of Work

Each of the two options will generate three scenarios for future water availability from Lake Casitas. Casitas will select two scenarios to be used in the development of Comprehensive Water Resources Plan water supply portfolios.

Pros and cons of the two scope options are summarized below.

	Option 1 – Reanalysis of Safe Yield Using Adjusted Historical Hydrology	Option 2 – Reanalysis of Safe Yield Using Re- sequenced, Adjusted Hydrology
Estimated Budget	\$31,200	\$67,800
Estimated Schedule	3 months	5 months
2004 Model Required	Yes	Yes
Incorporation of Climate Change Effects	Moderate	High

6.2 Safe Yield Update Technical Memorandum

Stantec will present methods and results of the updated safe yield analysis in a technical memorandum.

TASK 6 DELIVERABLES

1. Safe Yield Analysis Technical Memorandum in PDF format (hard copies available upon request)

FEES

Stantec's proposed services will be performed on a time and materials, not to exceed basis and shall be billed monthly per the attached rate schedule. Charges for "time" include professional, technical, and clerical support services provided by Stantec. "Materials" include reimbursable expenses, such as photocopies, shipping/delivery, mileage, plots, prints, maps/documents, and outside consultant fees.

Based on Stantec's understanding of Casitas' requirements and experience with similar projects, the estimated fee required for services under this scope of work will be:

Tasks 1-5.....	\$367,186
Task 6	
Option 1.....	\$31,204
Option 2.....	\$67,752

A fee breakdown by labor hour and task is attached.

January 2, 2019
Ms. Julia Aranda
Page 11 of 11

Reference: Comprehensive Water Resources Plan Scope of Work

Stantec's charges will not exceed the above fee estimate without prior authorization by Castias. Stantec reserves the right to reallocate budget between the tasks if necessary provided the overall total is not exceeded.

Stantec has estimated the cost of services based on its understanding of the scope and complexity of the work at this time. During the performance of this scope of services, the need for additional or expanded services may be determined. Stantec will keep Casitas informed of progress and costs incurred through submittal of monthly invoices and progress reports.

SCHEDULE

Stantec will commence work upon receipt of an executed contract. The work will be completed per the attached schedule.

We appreciate the opportunity to provide this scope of services proposal. Should you require additional information or wish to discuss this proposal further, please call Autumn Glaeser at (805) 285-9093.

Regards,

Stantec Consulting Services Inc.



Autumn Glaeser PE
Project Manager
Phone: (805) 285-9093
Autumn.Glaeser@stantec.com



Venu Kolli PE
Principal In Charge
Phone: (626) 568-6073
Venu.Kolli@Stantec.com

Attachment: Fee breakdown
Rate Schedule
Proposed schedule

c. file

v:\1840\184083000\2018\023_casitas_water_district_comprehensive_plan\accounting\scope\pro_casitas_20190102.docx

**CMWD RFP for Proposals for Comprehensive Water Resources Plan
Stantec Staff Time and Fees**

		Position	PIC & QA/QC	Principal Engineer	Senior Engineer	PM	Project Civil Engineer	Associate Engineer	Tech. Asst.	Admin	TOTAL HOURS	TASK STAFF COST	TASK DIRECT COST (10% markup) (a)	TOTAL TASK COST
		Billing Level	16	15	14	13	11	8	6	4				
		Billing Rate	\$225	\$211	\$201	\$185	\$168	\$142	\$126	\$107				
TASK 1 - PROJECT MANAGEMENT														
1.1	Project Management					60				48	108	\$ 16,236		\$ 16,236
1.2	Quality Control/Assurance	50	20								70	\$ 15,470		\$ 15,470
1.3	Meetings - Progress Meetings		30			50	30		20		130	\$ 23,140	\$ 4,400	\$ 27,540
1.4	Stakeholder Engagement										0	\$ -	\$ 60,500	\$ 60,500
Task 1 Subtotal			50	50	0	110	30	0	20	48	308	\$ 54,846	\$ 64,900	\$ 119,746
TASK 2 - Review and Summarize Existing Planning Documents and Current Project Status														
2.1	Review Existing Planning Documents			8	30	16	30	20			104	\$ 18,558		\$ 18,558
2.2	Review Existing Water Security Project Status			8	20	8	20				56	\$ 10,548		\$ 10,548
2.3	Summarize Existing Planning Documents and Status of Current Water Supply Projects			8	30	8	60	30	40	8	184	\$ 29,434		\$ 29,434
2.4	Early Action Plan (Alternate Task)			24	40	24	30			4	122	\$ 23,012		\$ 23,012
Task 2 Subtotal			0	48	120	56	140	50	40	12	466	\$ 81,552	\$ -	\$ 81,552
TASK 3 - Develop Water Supply Alternatives														
3.1	Develop Long List of Options			4	8	8					20	\$ 3,932		\$ 3,932
3.2	Develop Ranking Criteria and Decision-Making Tool			8	60	8	60				136	\$ 25,308		\$ 25,308
3.3	Develop Water Supply Projects			8	80	20	80	80	80	8	356	\$ 57,204		\$ 57,204
Task 3 Subtotal			0	20	148	36	140	80	80	8	512	\$ 86,444	\$ -	\$ 86,444
TASK 4 - Review Funding Alternatives														
4.1	Review Funding Alternatives			8	40	8	24	24		4	108	\$ 19,076		\$ 19,076
Task 4 Subtotal			0	8	40	8	24	24	0	4	108	\$ 19,076	\$ -	\$ 19,076
TASK 5 - Draft and Final Comprehensive Water Resources Plan														
5.1	Draft Comprehensive Water Resources Plan			8	40	20	80	40	40	8	236	\$ 38,444		\$ 38,444
5.2	Final Comprehensive Water Resources Plan			8	40	10	40		20	8	126	\$ 21,674	\$ 250	\$ 21,924
Task 5 Subtotal			0	16	80	30	120	40	60	16	362	\$ 60,118	\$ 250	\$ 60,368
TASKS 1-5 SUB-TOTAL			50	142	388	240	454	194	200	88	1756	\$ 302,036	\$ 65,150	\$ 367,186
TASK 6 - Safe Yield Update Options														
6.1	Option 1 - Reanalysis of Safe Yield Using Adjusted Historical Hydrology			12	20	20	40	80	16	8	196	\$ 31,204		\$ 31,204
	Option 2 - Reanalysis of Safe Yield Using Re-sequenced, Adjusted Hydrology			16	50	30	120	160	40	8	424	\$ 67,752		\$ 67,752
Project Total with task 6 option 1														\$ 398,390
Project Total with task 6 option 2														\$ 434,938

NOTES

- (a) Mileage, reproduction, CAD charges, and field equipment etc.
Also includes Consensus subcontract

SCHEDULE OF BILLING RATES – 2019

Billing Level	Hourly Rate	Description
3 4 5	\$102 \$107 \$121	<p>Junior Level position</p> <ul style="list-style-type: none"> <input type="checkbox"/> Independently carries out assignments of limited scope using standard procedures, methods and techniques <input type="checkbox"/> Assists senior staff in carrying out more advanced procedures <input type="checkbox"/> Completed work is reviewed for feasibility and soundness of judgment <input type="checkbox"/> Graduate from an appropriate post-secondary program or equivalent <input type="checkbox"/> Generally, one to three years experience
6 7 8	\$126 \$137 \$142	<p>Fully Qualified Professional Position</p> <ul style="list-style-type: none"> <input type="checkbox"/> Carries out assignments requiring general familiarity within a broad field of the respective profession <input type="checkbox"/> Makes decisions by using a combination of standard methods and techniques <input type="checkbox"/> Actively participates in planning to ensure the achievement of objectives <input type="checkbox"/> Works independently to interpret information and resolve difficulties <input type="checkbox"/> Graduate from an appropriate post-secondary program, with credentials or equivalent <input type="checkbox"/> Generally, three to six years experience
9 10 11	\$152 \$158 \$168	<p>First Level Supervisor or first complete Level of Specialization</p> <ul style="list-style-type: none"> <input type="checkbox"/> Provides applied professional knowledge and initiative in planning and coordinating work programs <input type="checkbox"/> Adapts established guidelines as necessary to address unusual issues <input type="checkbox"/> Decisions accepted as technically accurate, however may on occasion be reviewed for soundness of judgment <input type="checkbox"/> Graduate from an appropriate post-secondary program, with credentials or equivalent <input type="checkbox"/> Generally, five to nine years experience
12 13 14	\$177 \$185 \$201	<p>Highly Specialized Technical Professional or Supervisor of groups of professionals</p> <ul style="list-style-type: none"> <input type="checkbox"/> Provides multi-discipline knowledge to deliver innovative solutions in related field of expertise <input type="checkbox"/> Participates in short and long range planning to ensure the achievement of objectives <input type="checkbox"/> Makes responsible decisions on all matters, including policy recommendations, work methods, and financial controls associated with large expenditures <input type="checkbox"/> Reviews and evaluates technical work <input type="checkbox"/> Graduate from an appropriate post-secondary program, with credentials or equivalent <input type="checkbox"/> Generally, ten to fifteen years experience with extensive, broad experience
15 16 17 18	\$211 \$225 \$234 \$237	<p>Senior Level Consultant or Management</p> <ul style="list-style-type: none"> <input type="checkbox"/> Recognized as an authority in a specific field with qualifications of significant value <input type="checkbox"/> Provides multidiscipline knowledge to deliver innovative solutions in related field of expertise <input type="checkbox"/> Independently conceives programs and problems for investigation <input type="checkbox"/> Participates in discussions to ensure the achievement of program and/or project objectives <input type="checkbox"/> Makes responsible decisions on expenditures, including large sums or implementation of major programs and/or projects <input type="checkbox"/> Graduate from an appropriate post-secondary program, with credentials or equivalent <input type="checkbox"/> Generally, more than twelve years experience with extensive experience

Note: Rates subject to escalation at end of calendar year.

Gantt Chart Schedule - Casitas Comprehensive Water Resources Plan

Task	2019										
	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5.3 Final Presentation										●	
Task 6 - Safe Yield Update											
<i>Option 1 - Adjust Historical</i>			📄								
6.1 Safe Yield Update											
6.2 Tech Memo					📄						
<i>Option 2 - Resequence Historical</i>											
6.1 Safe Yield Update											
6.2 Tech Memo						📄					

MEMORANDUM

TO: Board of Directors

From: Michael L. Flood, Interim General Manager

RE: **Consideration of an award to Pueblo Water Resources, Inc. in the amount of \$16,140.00 for feasibility assessment of the Teague Watershed groundwater resources in relation to proposed pilot bore test wells in the Teague Watershed.**

Date: December 28, 2018

RECOMMENDATION:

The Board of Directors approve the proposal from Pueblo Water Resources, Inc. in the amount of \$16,140.00 for the feasibility assessment of drilling test bore wells in the Teague Watershed north of Lake Casitas.

BACKGROUND:

Early in 2018, Casitas staff considered the possibility of drilling emergency groundwater wells in the Teague watershed along a section of Santa Ana Road, north of Lake Casitas (map attached). This concept stemmed from not only the close proximity of Lake Casitas but also the existence of water, electrical and road infrastructure along this alignment. From this location, emergency water could be delivered directly into the Casitas potable water distribution system or into Lake Casitas itself. The depth of a finished well would range from 600 to 1,000 feet.

Since the land in which these proposed wells would be drilled is owned by the Federal Government, the Bureau of Reclamation (BOR) has been approached with the project concept. The BOR is supportive of the project and a preliminary assessment of their permitting needs for this phase of the project has begun. The BOR has also indicated that they believe the groundwater resources underlying their lands are property of the Federal Government and any pumping would require a compensation agreement.

The consultant that is working on the Ojai Well Field rehabilitation project, Padre Water Resources, Inc. was approached to provide a cost estimate for a feasibility assessment of such a project in this location (attached). The deliverable of this activity will be a technical memo describing the assessment results and recommendations.

DISCUSSION:

With Lake Casitas nearing a possible Stage 4 water condition, the District has considered a number of alternative water supply options. Staff deemed that this proposal could have merit in that the location would provide ready access into Casitas' water supply system but, as with any groundwater supply project, both the quantity and quality of the available supply would largely determine the project's feasibility.

Prior to commencing the drilling necessary to determine these aspects, a feasibility analysis by a firm knowledgeable of the local groundwater conditions should be conducted. The District has Pueblo Water Resources, Inc. under contract for a separate groundwater well project and with their knowledge of local groundwater conditions, they are an excellent choice to conduct this activity.

The timeline for completion of the feasibility analysis is approximately two months.

While expected yields from a project such as this are not known at this time, a target of 1,500 AF to 2,500 AF per year will be considered. The cost of each test bore is estimated to be \$200,000.



Project No. 18-0142
December 10, 2018

Casitas Municipal Water District
1055 N. Ventura Avenue
Oak View, California 93022

Attention: Julia Aranda, P.E.
District Engineer

Subject: Proposal for Teague Property Groundwater Resource Assessment.

Dear Ms. Aranda:

Pueblo Water Resources, Inc. (Pueblo) is pleased to present this proposal to the Casitas Municipal Water District (District) to perform an assessment of the groundwater resource development potential of the so-called 'Teague' property in Ojai, California. The Teague property is owned by the United States Bureau of Reclamation (BOR) and is located north of the Lake Casitas Recreation area, north of Casitas Pass Road. The District's Robles Diversion Canal and a portion of their water distribution pipeline are located on the BOR property, and Casitas seeks to explore the hydrogeology and investigate the potential of developing groundwater supply from this area. Any water supply developed from this area could be easily accommodated in the District's nearby infrastructure.

Pueblo has recommended a three phase approach for investigating and possibly developing groundwater supply from areas within the Teague property. This first phase will include review of existing maps, reports, and data pertaining to groundwater conditions in the study area, construction of hydrogeologic cross sections to determine the hydro stratigraphy, preliminary design of test boring/test wells, and an estimate of costs for the exploratory program. Should the District consider the results of Phase 1 to be favorable for further study, Phase 2 would include exploratory drilling, construction of a test well(s), well performance and aquifer testing, and groundwater quality characterization. Phase 2 would provide the basis for determining the yield and costs associated with a full scale project. Phase 3 would include the planning and development of the full scale groundwater supply development project. This proposal presents the scope and costs for Phase 1 tasks.

The scope of the Phase 1 investigation includes the following tasks:

Task 1 – Data Compilation and Review. The first task of the Phase 1 project will be the compilation and review of available data, which will include well logs, geologic maps, and previous reports relevant for the study area. These data will be used to establish the basis for subsequent work on Phase 1.

Task 2 – Hydrogeologic Characterization. The hydrogeology of the study area will be characterized as part of Task 2. Available well log data and geologic maps will be used to construct geologic cross sections that will define the hydrostratigraphy and geologic structure beneath the site. This characterization is necessary for establishing the details and preliminary



costs of a potential test boring and test well project. To the extent possible, preliminary well yields and groundwater quality characteristics will be established as part of Task 2.

Task 3 – Technical Memorandum. The findings developed through Tasks 1 and 2 will be summarized and presented in a technical memorandum (TM). One of the primary objectives of the TM will be the definition of the scope and costs for further study (Phase 2). We envision that Phase 2 will include at a minimum, the drilling of one exploratory boring to confirm the hydrostratigraphy and the geologic structure developed as part of Task 2, and at least one test boring to confirm well performance, well yield, and water quality. The District can review and consider the results of the Phase 1 study, to determine if continued and more detailed study of the potential project is warranted.

Task 4 – Project Management and Meetings. The scope of work for Phase 1 includes project management and meetings with District staff and the District’s Water Resources Committee to discuss the findings and results of the investigation.

Pueblo’s estimates of costs for the various work scope tasks developed for this project are presented in the table below.

**Summary of Estimated Costs
Teague Property Groundwater Resource Assessment – Phase 1**

<u>Task Description</u>	<u>Estimated Cost</u>
Task 1 – Data Compilation and Review	\$4,020
Task 2 – Hydrogeologic Characterization	\$1,600
Task 3 – Technical Memorandum	\$7,650
Task 4 – Project Management and Meetings	\$2,870
<i>Total Estimated Cost</i>	<i>\$16,140</i>

Costs for Pueblo’s services will be billed on a time plus expenses basis in accordance with our 2018 Fee Schedule (attached).

We are prepared to begin work on this project immediately upon notice to proceed, and we estimate that the project will take approximately six to eight weeks to complete.

Casitas Municipal Water District
Proposal Teague Property Groundwater Resource Assessment
December 10, 2018 (18-0042)



We appreciate the opportunity to assist the District, and we look forward to completing the scope of work for the project presented above. Please contact us if you have any questions regarding this proposal.

Sincerely,

PUEBLO WATER RESOURCES, INC.

A handwritten signature in black ink that reads "Michael S. Burke". The signature is written in a cursive style with a large, prominent "M" and "B".

Michael S. Burke
Principal Hydrogeologist

Attachment: Pueblo Water Resources 2018 Fee Schedule



**PUEBLO WATER RESOURCES, INC.
2018 FEE SCHEDULE**

Professional Services

Principal Professional.....	\$205/hr
Senior Professional.....	\$190/hr
Project Professional.....	\$175/hr
Staff Professional.....	\$145/hr
Technician.....	\$135/hr
Illustrator.....	\$120/hr
Word Processing.....	\$95/hr

Other Direct Charges

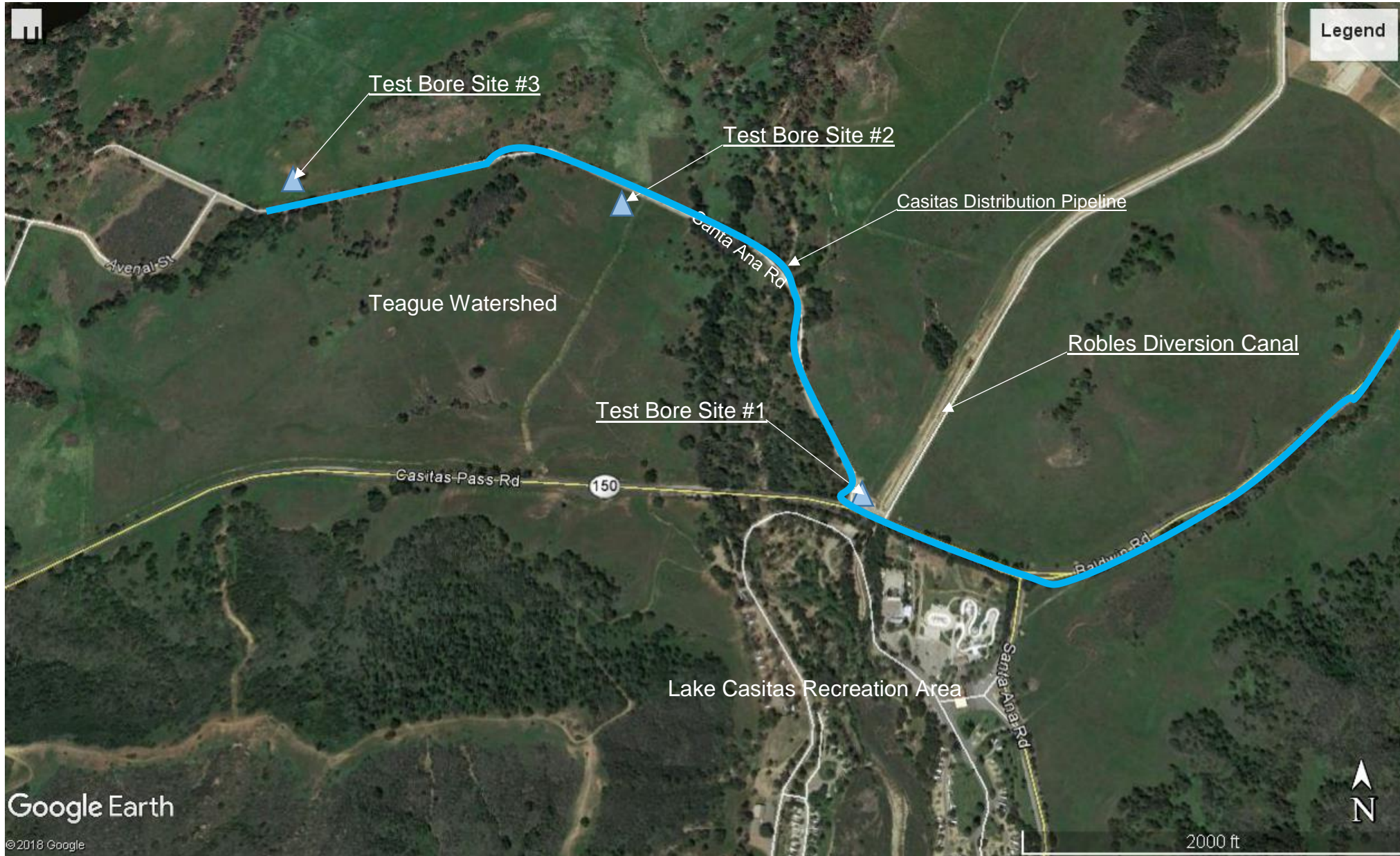
Subcontracted Services.....	Cost Plus 15%
Outside Reproduction.....	Cost Plus 15%
Travel Expenses.....	Cost Plus 15%
Per Diem*	Variable
Vehicle	\$75/day

Equipment Charges

Drilling Fluid Test Kit.....	\$100/day, \$400/week
Field Water Quality Meter (Hach DR890).....	\$75/day, \$275/week
Orion ORP/pH/Temp Probe.....	\$75/day, \$275/week
Water Level Probes (In-Situ Level Troll).....	\$75/day, \$300/week
Water Quality Probes (In-Situ Aqua Troll).....	\$100/day, \$325/week
Ultrasonic Flowmeter.....	\$200/day, \$750/week

*Regionally and seasonally specific to project.

PROPOSED TEAGUE WATERSHED TEST BORE SITES



Jim Word, President
Board of Directors
Casitas Municipal Water District
1055 Ventura Ave.
Oak View, CA 93022

September 24, 2018

Subject: Ojai Valley Drought Economic Study

Dear Mr. Word;

We are writing to ask if the Board of the Casitas Municipal Water District (CMWD), as the largest water purveyor in the Ventura River Watershed, is interested in leading the effort to conduct an economic impact study of a worsening drought scenario in the Ojai Valley based on our existing water supply infrastructure. Our organizations believe this study is critical for fully understanding this matter of vital interest for all the residents and businesses of the Ojai Valley and are willing to join with CMWD in making financial and staffing contributions for the study.

The purpose of the study is to estimate the economic impact of increasing drought on the Valley including Stage 4, Stage 5 as defined the CMWD Water Efficiency and Allocation Program (WEAP) and an empty lake scenario. We believe that the study can help guide decision making regarding supplemental water resources and demonstrate to ratepayers the wisdom of investing in improved water security.

Our group prepared and circulated a Request for Proposals and received cost proposals from three economists, all in the range of \$30,000. Before we interview and select a firm to conduct the study we would like the Casitas Board to consider leading the effort to have a study prepared.

The reasons the Casitas Board may desire to lead the study are:

- a. Obtain a professional estimate of the cost to agriculture, businesses and residents for each stage of a worsening drought scenario.
- b. Determine the relative magnitude of the potential economic impacts so they can be weighed against the cost of supplemental water supplies.
- c. Help water customers and community leaders understand the magnitude of the potential impact of continued drought.
- d. Develop core information for use in applications for program grants and other sources of support to complement local resources for drought mitigation and management efforts.

The drought impact could be large or small, no one really knows at this point. People's fears of an unknown future are often worse than reality. Obtaining an educated estimate of the probable impact can help allay those fears.

If CMWD desires to lead this study, the Board may want to direct an analysis to be performed to estimate if agriculture can afford the cost of supplemental water.

To improve the validity of the study our group is also considering adding about \$20,000 to the economist's effort to interview relevant parties in the valley. Interviews can make the analysis more meaningful.

We are also aware that the Casitas staff is very busy at the present time. In addition to providing financial contributions the sponsors can assist with administrative tasks for the study such as scheduling interviews and meetings, awarding a contract, collecting financial contributions from sponsors, coordinating reviews, preparing draft correspondence, etc. Casitas would need to participate in such tasks as reviewing the scope of work, interview economists, review draft reports, make a financial contribution, etc.

Please let us know if the Casitas Board would like to take the lead in conducting a Drought Economic Study.



Very Truly Yours,

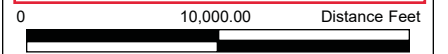
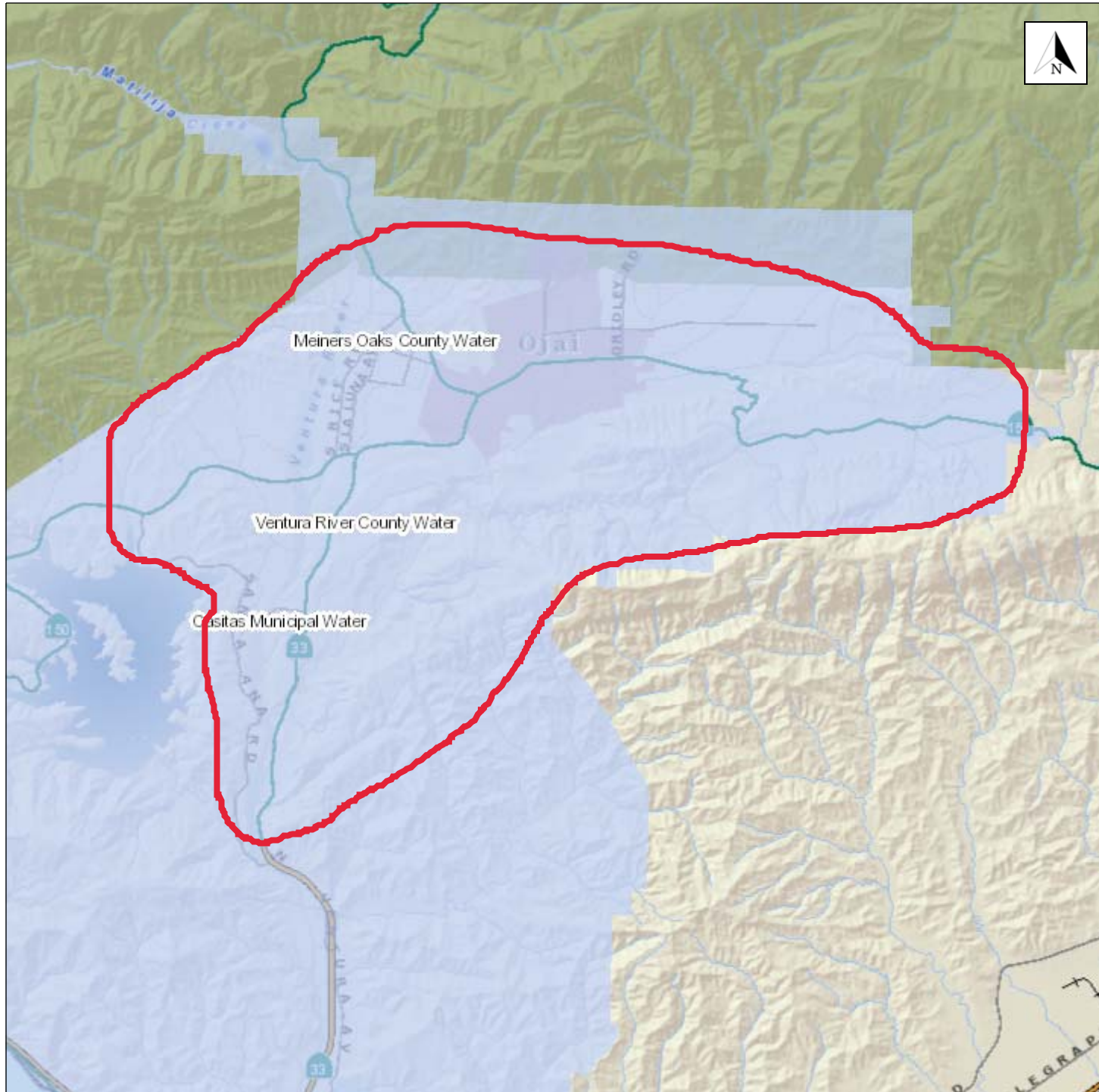
Peggy Wiles, Ventura River Water District
Mike Krumpschmidt, Meiners Oaks Water District
Nora Davis & Sharon MaHarry, Ojai Valley Board of Realtors
Jim Poulsen & Ed Bennett, Thacher School
William Weirick, City of Ojai
John Krist, Ventura County Farm Bureau
Alex Kim, Ojai Valley Inn



County View

Drought Economic Study

- Study Boundary 
- Casitas Boundary 



1: 120,000

Disclaimer: The information contained on this web site and in this application was created by the Ventura County Geographical Information System (GIS), which is designed and operated solely for the convenience of the County and related contract entities. The County does not warrant the accuracy of this information, and no decision involving a risk of economic loss or physical injury should be made in reliance thereon.

**CASITAS MUNICIPAL WATER DISTRICT
INTEROFFICE MEMORANDUM**

TO: MIKE FLOOD, INTERIM GENERAL MANAGER
FROM: JULIA ARANDA, ENGINEERING MANAGER
SUBJECT: MONTHLY ENGINEERING STATUS REPORT
DATE: 01/09/19

RECOMMENDATION:

It is recommended the Board of Directors receive and file the Monthly Engineering Status Report for January 2019.

DISCUSSION:

The attached chart shows the status of engineering projects for January 2019. Significant activities include:

- Qualification packages were reviewed for Pipeline Contractors for 2019 and the list will be presented at Board meeting of 01/09/19.
- Five qualification packages for Electrical Contractors for Rincon Pump Plant Electrical Upgrade were received and staff is evaluating.
- Preliminary design activities for Ojai Water System Improvements include field surveying, geotechnical work, and utility investigations. The Administrative Draft Initial Study/Mitigated Negative Declaration was submitted on 12/13/18 and comments were returned to the consultant.
- Construction is complete for Robles Canal Panel Replacement. No diversion activities were affected.
- Contract was awarded for Casitas Water System Hydraulic Model and kick-off meeting was held.
- Contract was awarded for Playground Resurfacing and pre-construction meeting is scheduled for 01/11/19.
- Tech Memos for Running Ridge and Signal Booster Zone Hydraulic Improvements were received and are under review.

Attachment: Monthly Engineering Status Report January 2019



Engineering Project Status January 2019



Casitas Water System
Ojai Water System
Lake Casitas Recreation Area



	NOT YET STARTED	CONSULTANT SELECTION	PLANNING	DESIGN	BIDDING	CONSTRUCTION
Casitas Water System	Reservoir Roads	Comprehensive Water Resources Plan	Camp Chaffee Pipeline Replacement	Upper Rincon Lateral Replacement		FY18-19 Asphalt Paving
	Maintain Casitas Dam and WTP Roads	Casitas-Ventura SWP Interconnection Preliminary Design	Ojai East Reservoir Recoating	Rincon Pump Plant Electrical Upgrade		Awnings for San Antonio & Ojai Valley Pump Plants
	Emergency Generators Rincon, Avenue 1, and Avenue 2 Pump Plants	Ayers Creek Pipeline Relocation	Matilija Vertical Well	De La Garrigue Bridge Replacement		Timber Cutoff Wall Repair
	Casitas Dam Hollow Jet Valve Replacement	Teague Watershed Test Bores	Reservoir and Vault Fall Protection Improvements	Rice Road Bridge Replacement		Robles Diversion Canal Maintenance
			Solimar Beach Corrosion Investigation			
			Diesel Tank Pad Design			
			Robles Diversion Fish Screen Alternatives Feasibility Study			
Ojai Water System	Emily Street Pipeline		Initial Study/Mitigated Negative Declaration	Sunset Place Pipeline		
			Running Ridge Zone Hydraulic Improvements	Cuyama, Palomar, El Paseo Pipeline		
			Signal Booster Zone Hydraulic Improvements	South San Antonio and Crestview Pipeline		
			Well Rehabilitation/Replacement	West and East Ojai Avenue Pipeline		
			Arc Flash Study	Valve and Appurtenance Replacement (Ventura St)		
			Casitas-Ojai System Interties	Mutual Well Field Pipeline		
				Grand Avenue Pipeline Optimization		
Lake Casitas Recreation Area	Road Improvements	Backwash-Vault Water Alternatives	Vegetation Management			Playground Resurfacing
	Annual Electrical Maintenance Contract		Emergency Exit Road			
			Boat Inspection Facility			

**CASITAS MUNICIPAL WATER DISTRICT
INTEROFFICE MEMORANDUM**

TO: MIKE FLOOD, INTERIM GENERAL MANAGER
FROM: JULIA ARANDA, ENGINEERING MANAGER
SUBJECT: MONTHLY WATER SECURITY PROJECT STATUS REPORT
DATE: 01/09/19

RECOMMENDATION:

It is recommended the Board of Directors receive and file the Monthly Water Security Project Status Report for January 2019.

DISCUSSION:

The status of Water Security projects for January 2019 is provided below.

Comprehensive Water Resources Plan

- Three proposals for the Comprehensive Water Resources Plan were received 12/07/18 and award of a contract to Stantec is scheduled for 01/09/19.
- Kickoff meeting will be held mid-January.
- First deliverables include Project Management Plan (February 2019) and Stakeholder Plan (February 2019).
- Overall completion of Comprehensive Water Resource Plan is anticipated in November 2019.

Casitas-Ventura State Water Project Interconnection

- Eight firms attended the preproposal meeting held 12/19/18 for the Casitas-Ventura State Water Project Interconnection Preliminary Design.
- Proposals are due 01/18/19 and award of a contract is tentatively scheduled for 02/27/19.

Ojai Wellfield Rehabilitation

- Pueblo Water Resources provided a Draft Groundwater Supply Augmentation Assessment on 12/17/18. Staff comments were compiled and returned to Pueblo and final report is expected no later than 01/31/19.
- Initial recommendations are to rehabilitate Gorham Well, rehabilitate San Antonio Well #4, construction of a new well in the Grand Avenue Wellfield, construction of a new well at an off-site location, and re-activation of the Mira Monte well.
- Based on the final report, staff will present recommendation for design of improvements at Board meeting of 02/13/19.

Teague Watershed Groundwater Resource Assessment

- Proposal from Pueblo Water Resources received 12/10/18 and scheduled to be awarded at Board meeting of 01/09/19.

- First phase includes data compilation and review, hydrogeologic characterization, and a technical memo summarizing findings. Tech Memo anticipated early March 2019.
- Based on results of Tech memo, additional phases may be recommended and will be presented to the Water Resources Committee and the Board.

Matilija Formation Deep Wells

- Staff met with WREA, Kear Groundwater, and Padre Consultants 12/14/18 to discuss project status.
- Padre submitted a proposal on 12/20/18 to prepare an Initial Study/Mitigated Negative Declaration (IS/MND) for the Vertical Test Bore which will be presented to the Water Resources Committee on 01/22/19 and the Board on 01/23/19.
- Anticipated completion of the Vertical Test Bore IS/MND is six months.
- USFS has yet to issue a FS299 for data collection related to the Horizontal Bore. No timeline is currently known for the completion of the FS299 but data collection is expected to take at least two seasons to complete.

Robles Diversion Fish Screen Improvements

- Robles Diversion Fish Screens Alternatives Feasibility Study kickoff meeting was held 12/13/18.
- MKN, and their subconsultant Alden, are reviewing operations data and expect an initial list of alternatives mid-January.
- Alternatives Feasibility Study completion is expected in April 2019 and recommendations will be included in fiscal year 2019-20 budget.

Ojai Desalter

- This project is currently on hold pending results of well rehabilitation/new well construction.
- Staff will consider issuing a Request for Proposal for Preliminary Design in fiscal year 2019-20.

**CASITAS MUNICIPAL WATER DISTRICT
INTEROFFICE MEMORANDUM**

TO: MICHAEL FLOOD, INTERIM GENERAL MANAGER
FROM: JORDAN SWITZER, WATER QUALITY SPECIALIST
SUBJECT: MONTHLY HYDROLOGIC STATUS REPORT FOR NOVEMBER, 2018
DATE: DECEMBER 12, 2018

RECOMMENDATION:

This item is presented for information only and no action is required. Data are provisional and subject to revision.

DISCUSSION:

Rainfall Data

	<u>Casitas Dam</u>	<u>Matilija Dam*</u>	<u>Thacher School</u>
November, 2018	3.11	3.88"	2.30"
Water Year (WY: Oct 01 - Sep 30)	3.24	3.88"	2.34"
Average Station Rainfall To Date	3.22"	5.00"	2.59"

**Matilija Dam rainfall data unavailable at this time, Matilija Canyon rainfall station used as proxy*

Ojai Water System Data

Well field production (November, 2018)	119 AF
Surface water supplementation (November, 2018)	30 AF
Static depth to water surface- Mutual #6 (November, 2018)	184.8 ft
Change in static level from September (October static unavailable)	- 20.1 ft

Robles Fish Passage and Diversion Facility Diversion Data

Diversions (November, 2018)	140.9 AF	Total diversions WY to date	140.9 AF
Diversion days in November	2	Diversion days this WY	2

Casitas Reservoir Data

Water surface elevation (11/30/2018)	481.43 ft AMSL
Water storage on December 01, 2018	72,667 AF
Water storage last month	73,400 AF
Net change in storage	- 733 AF
Change in storage from November 30, 2017	-12,088 AF



VENTURA LOCAL AGENCY FORMATION COMMISSION

COUNTY GOVERNMENT CENTER • HALL OF ADMINISTRATION

800 S. VICTORIA AVENUE, L #1850 • VENTURA, CA 93009

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General Managers
Independent Special Districts

December 28, 2018

RE: 2018 Election Results – LAFCo Special District Regular Member and Alternate Member

Dear General Manager:

This letter is to report on the election results for the Special District Regular Member and Alternate Member to the Ventura Local Agency Formation Commission (LAFCo). The election was conducted to fill new, four-year terms beginning on January 1, 2019 and ending January 1, 2023.

Government Code Section 56332 provides that “Members representing a majority of the eligible districts shall constitute a quorum.” There are 30 eligible independent special districts in the County, and as of 5:00 p.m. on Friday, December 14, 2018, 17 of the 30 independent special districts eligible to vote had returned valid ballots for the election. Thus, there was a quorum for this election. The nominee who received a majority of the votes cast for the Regular Member was **Elaine Freeman, of Rancho Simi Recreation and Park District**; and the nominee who received a majority of the votes cast for the Alternate Member was **John (Jack) Curtis, of the Ojai Valley Sanitary District**.

Please join me in congratulating Ms. Freeman on her successful re-election and Mr. Curtis on his successful election. All election materials are available for review at the Ventura LAFCo office, but if there are any questions about this election, please call me at 654-2575.

Please share this information with your Board.

Sincerely,

for Kai Luoma, AICP
Executive Officer



Consumption Report

Water Sales FY 2018-2019 (Acre-Feet)

Classification	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Month to Date		
													2018 / 2019	2017 / 2018	
													Total	Total	
AD Ag-Domestic	442	411	363	355	227									1,798	2,232
AG Ag	341	290	229	236	165									1,260	1,569
C Commercial	119	118	103	82	60									482	526
DI Interdepartmental	40	25	9	5	3									82	46
F fire	0	0	0	0	0									0	0
I Industrial	2	1	1	2	1									7	7
OT Other	26	23	23	18	13									104	148
R Residential	261	260	244	220	194									1,179	1,196
RS - P Resale Pumped	113	115	109	99	79									515	251
RS - G Resale Gravity	341	250	199	283	276									1,350	818
TE Temporary	2	2	2	1	23									30	10
Total	1,686	1,495	1,282	1,302	1,041	0	0	0	0	0	0	0	0	6,806	6,802
CMWD	1,512	1,320	1,115	1,146	907										
OJAI	174	175	167	156	134										
Total 2017 / 2018	1,355	1,185	1,608	1,628	1,026	1,085	592	898	384	815	1,078	1,200		N/A	12,853



CFD No. 2013-1 (Ojai) - Cost Analysis

	Services & Suplies	Legal Fees	Labor Expense	Other Services	Total Expenses
2011 / 2012	0.00	42,560.00	11,098.37	0.00	53,658.37
2012 / 2013	831.82	223,462.77	14,836.68	0.00	239,131.27
2013 / 2014	29.89	91,878.06	3,835.65	0.00	95,743.60
2014 / 2015	0.00	68,457.10	0.00	0.00	68,457.10
2015 / 2016	6.12	152,811.84	2,938.86	0.00	155,756.82
2016 / 2017	110.54	352,965.75	48,725.29	0.00	401,801.58
2017 / 2018	0.00	13,426.72	14,154.45	0.00	27,581.17
July	0.00	0.00	0.00	0.00	0.00
August	755.63	7,988.09	377.82	0.00	9,121.54
September	450.60	669.50	288.07	0.00	1,408.17
October	0.00	1,520.28	0.00	0.00	1,520.28
November	0.00	1,106.22	0.00	0.00	1,106.22
December					0.00
January					0.00
Feburary					0.00
March					0.00
April					0.00
May					0.00
June					0.00
Total YTD Cost	<u>1,206.23</u>	<u>11,284.09</u>	<u>665.89</u>	<u>0.00</u>	<u>13,156.21</u>
Total Cost	<u>2,184.60</u>	<u>956,846.33</u>	<u>96,255.19</u>	<u>0.00</u>	<u>1,055,286.12</u>
Less: Scanned Document Revenue			2012 / 2013		-289.50
Less: Tax Assessment - County of Ventura:			2015 / 2016		-460,342.64
Less: Tax Assessment - County of Ventura:			2016 / 2017		-464,386.26
Less: Bond Pre-Payments					-92,470.36
Less: Reimbursable District Staff Cost Bond Pre-payment					-36,000.00
Total CMWD CFD 2013-1 Cost					<u><u>2,086.86</u></u>

**CASITAS MUNICIPAL WATER DISTRICT
TREASURER'S MONTHLY REPORT OF INVESTMENTS
01/03/19**

Type of Invest	Institution	CUSIP	Date of Maturity	Adjusted Cost	Current Mkt Value	Rate of Interest	Date of Deposit	% of Portfolio	Days to Maturity
*TB	Farmer MAC	31315PYF0	5/2/2028	\$511,186	\$494,450	2.925%	11/20/2017	2.45%	3359
*TB	Federal Farm CR Bank	3133EGZW8	10/25/2024	\$833,918	\$798,012	2.014%	10/25/2016	3.95%	2092
*TB	Federal Farm CR Bank	31331VWN2	4/13/2026	\$884,268	\$829,157	1.901%	5/9/2016	4.11%	2620
*TB	Federal Farm CR Bank	3133EFK71	3/9/2026	\$851,124	\$821,990	2.790%	3/28/2016	4.07%	2586
*TB	Federal Farm CR Bank	3133EFYH4	2/8/2027	\$1,012,454	\$972,680	3.000%	3/24/2016	4.82%	2915
*TB	Federal Farm CR Bank	3133EGWD	9/29/2027	\$694,629	\$643,009	2.354%	11/17/2016	3.19%	3146
*TB	Farmer MAC	3133EEPH7	2/12/2029	\$480,055	\$462,159	2.710%	11/20/2017	2.29%	3639
*TB	Federal Home Loan Bank	3130A3DL	9/8/2023	\$1,560,095	\$1,482,375	1.486%	10/13/2016	7.35%	1685
*TB	Federal Home Loan Bank	313379EE5	6/14/2019	\$1,353,006	\$1,344,155	1.625%	10/3/2012	6.66%	161
*TB	Federal Home Loan Bank	3130A0EN	12/10/2021	\$525,464	\$503,775	1.107%	5/9/2016	2.50%	1057
*TB	Federal Home Loan Bank	3130A5R35	6/13/2025	\$756,773	\$713,499	2.875%	2/19/2016	3.54%	2320
*TB	Federal Home Loan Bank	313383YJ4	9/8/2023	\$455,902	\$427,458	1.203%	7/14/2016	2.12%	1685
*TB	Federal Home Loan Bank	3130A5VW6	7/10/2025	\$1,020,426	\$990,130	2.360%	5/10/2017	4.91%	2347
*TB	Federal Home Loan Bank	3130AIXJ2	6/14/2024	\$912,657	\$849,588	2.875%	8/2/2016	4.21%	1961
*TB	Federal Home Loan Bank	3130ADNW8	2/14/2020	\$998,230	\$1,000,200	3.400%	1/16/2013	4.96%	401
*TB	Federal Home Loan Bank	3133XFKF	6/11/2021	\$615,460	\$599,978	2.375%	9/8/2014	2.97%	878
*TB	Federal Home Loan MTG Corp	3137EADB	1/13/2022	\$671,755	\$661,357	1.721%	5/1/2016	3.28%	1090
*TB	Federal National Assn	31315P2J7	5/1/2024	\$783,032	\$746,083	2.625%	5/25/2016	3.70%	1918
*TB	Federal National Assn	3135G0ZR	9/6/2024	\$1,460,162	\$1,390,145	2.125%	5/25/2016	6.89%	2043
*TB	Federal National Assn	3135G0K3	4/24/2026	\$2,524,898	\$2,381,250	1.375%	7/6/2010	11.80%	2631
*TB	US Treasury Inflation Index NTS	912828MF	1/15/2020	\$1,172,932	\$1,161,853	1.375%	11/18/2015	5.76%	372
*TB	US Treasury Note	912828WE	11/15/2023	\$767,640	\$773,369	2.750%	12/13/2013	3.83%	1752

Accrued Interest

\$132,101

Total in Gov't Sec. (11-00-1055-00&1065)

\$20,846,068

\$20,178,775

99.98%

Total Certificates of Deposit: (11.13506)

\$0

\$0

0.00%

** **LAIF as of: (11-00-1050-00)**

N/A

\$461

\$461

2.49%

Estimated

0.00%

*** **COVI as of: (11-00-1060-00)**

N/A

\$2,914

\$2,914

1.96%

Estimated

0.01%

TOTAL FUNDS INVESTED

\$20,849,444

\$20,182,150

100.00%

Total Funds Invested last report

\$20,858,438

\$19,893,025

Total Funds Invested 1 Yr. Ago

\$21,105,481

\$20,603,147

**** **CASH IN BANK (11-00-1000-00) EST.**

\$4,933,218

\$4,933,218

CASH IN Western Asset Money Market

\$9

\$9

1.79%

TOTAL CASH & INVESTMENTS

\$25,782,670

\$25,115,376

TOTAL CASH & INVESTMENTS 1 YR AGO

\$24,969,573

\$24,467,239

*CD CD - Certificate of Deposit

*TB TB - Federal Treasury Bonds or Bills

** Local Agency Investment Fund

*** County of Ventura Investment Fund

Estimated interest rate, actual not due at present time.

**** Cash in bank

No investments were made pursuant to subdivision (i) of Section 53601, Section 53601.1 and subdivision (i) Section 53635 of the Government Code.

All investments were made in accordance with the Treasurer's annual statement of investment policy.