

**AGENDA**  
**Borrego Water District Board of Directors**  
**Regular Meeting**  
**April 27, 2016 9:00 a.m.**  
**806 Palm Canyon Drive**  
**Borrego Springs, CA 92004**

**I. OPENING PROCEDURES**

- A. Call to Order
- B. Pledge of Allegiance
- C. Roll Call
- D. Approval of Agenda (1-2)
- E. Approval of Minutes
  - Special meeting of March 8, 2016 (3-4)
  - Special meeting of March 15, 2016 (5-7)
  - Regular meeting of March 23, 2016 (8-11)
  - Special meeting of March 30, 2016 (12)
  - Town Hall meeting of March 30, 2016 (13-17)
- F. Comments from Directors and Requests for Future Agenda Items
- G. Comments from the Public and Requests for Future Agenda Items (comments will be limited to 3 minutes)
- H. Correspondence: Letter from H. Preston (18)

**II. CURRENT BUSINESS MATTERS**

- A. Discussion and possible approval of amending Ordinance 16-01, Urgency Ordinance establishing water conservation requirements by limiting landscape watering (19-23)
- B. Update on 218 process
- C. Discussion of Capital Improvement Project, (CIP), process and strategy, O&M Committee (24-27)
- D. Discussion of Sustainable Groundwater Management Act (SGMA) & Water Quality issues
- E. Discussion of Budget (28-46)
- F. Discussion and possible approval of Contributed Funds Agreement between Borrego Water District and The Bureau of Reclamation in support of the Southeast California Regional Basin (47-49)
- G. Consideration of transfer of (15) EDU's from Borrego Center Properties to James L Wermers and Anne C Riedman. (50-55)
- H. Review of planning calendar (56-57)

**III. STAFF REPORTS**

- A. Financial Reports – March 2016 (59-71)
- B. General Manager / Operations Report (72-74)
- C. Water and Wastewater Operations Report – March 2016 (75)
- D. Water Production/Use Records – March 2016 (77-79)

**IV. ATTORNEY'S REPORT**

**V. COMMITTEE REPORTS & PROPOSALS:**

**Ad Hoc Committees**

- |                                 |                      |
|---------------------------------|----------------------|
| 1. Audit Committee              | (L. Brecht, Tatusko) |
| 2. Due-Diligence                | (L. Brecht, Tatusko) |
| 3. Strategic Planning Committee | (Hart, L. Brecht)    |
| 4. Executive Committee          | (Estep, Hart)        |

- |                                       |                    |
|---------------------------------------|--------------------|
| 5. Operations & Maintenance Committee | (Delahay, Tatusko) |
| 6. Parks Committee                    | (Hart, Estep)      |
| 7. CFD Committee                      | (Estep, Delahay)   |
| 8. Conservation Committee             | (Hart, Tatusko)    |
| 9. Personnel                          | (Hart, Tatusko)    |

**VI. INFORMATIONAL ITEMS**

**VII. CLOSED SESSION (11:30 am)**

Conference with Legal Counsel – Anticipated Litigation

- A. Significant exposure to litigation pursuant to paragraph (2) of subdivision (d) of Government Code section 54956.9. One potential case.

**VIII. CLOSING PROCEDURE**

The next Special Meeting of the Board of Directors is scheduled for May 17, 2016 at the Borrego Water District  
The next Regular Meeting of the Board of Directors is scheduled for May 25, 2016 at the Borrego Water District



C. Review of Raftelis business plan & rate model: Habib Isaac and Victor Smith from Raftelis joined the meeting via teleconference to present their utility rate review. They presented slides depicting the current financials, beginning with water; where we are today and where we need to be. The current revenue covers operations but not capital projects. If reserves are used for capital projects, they will be depleted by fiscal year 2017-18. The proposed financial plan is designed to reach stability and meet the minimum reserve requirements by FY 2018, as well as incurring some debt for construction of a new reservoir. The proposed revenue adjustment would be nine percent in 2016-17 and six percent in each of the subsequent four years.

Mr. Isaac went on to summarize the existing rate structure, with 43 percent of the District's revenue prior to conservation coming from fixed (meter) charges and 57 percent from variable. Now, with water demand reduction, it is closer to a 50/50 split. Raftelis recommends a 33 percent fixed/67 percent variable allocation. Mr. Isaac explained calculations based on the cost of a 3/4 inch meter. Variable charges, or metered consumption, would be 92 cents per unit for a base cost of \$1.70. Sixty percent of this would come from residential, and forty percent from non-residential.

The Raftelis study also looked at the cost of additional treatment as the aquifer is depleted. This expense would be passed on to high water users as a basis for tiered rates.

The financials and proposed financial plan for sewer rates were similar to those for water. The proposed revenue adjustment would be nine percent in 2016-07 and four percent in each of the subsequent four years. The costs were adjusted for those benefiting from the lift station versus those who don't, and the charges were divided between residential and commercial. Rate structures for each affected improvement district were presented.

Mr. Isaac pointed out that although sewer charges would increase, they would be offset by the reduced fixed water meter charges.

President Hart inquired about pass-through charges for electrical costs. Mr. Rolwing suggested leaving Raftelis' proposed escalator as is for the present, but adding a provision for a pass-through in the future if necessary. President Hart asked Mr. Isaac to develop some scenarios of how a typical ratepayer would be affected by the proposed financial plan. The Raftelis presentation will be included again in the March 15 Agenda.

### **III. CLOSING PROCEDURE**

There being no further business, the Board adjourned at 10:40 a.m. The next Special Meeting of the Board of Directors is scheduled for March 15, 2016 at the Borrego Water District. The next Regular Meeting of the Board of Directors is scheduled for March 23, 2016 at the Borrego Water District.



Ms. Gibson read a letter from Jack and Annie Sulfer, visitors to Borrego Springs since 1996 who treasures the golf course and felt some visitors would go elsewhere if it was not here. They urged the District to continue operating the course. Ms. Gibson requested that her comments and the Sulfers' letter be included in the Minutes, and they are incorporated by this reference.

Jerry Rolwing read a letter from Rolly Johnson, a District customer for 25 years who felt the golf course was a great asset. He also cited the annual tournament benefiting the Children's Center, and pledged to support any reasonable solution to ensure the continuation of the golf course.

Bill Ringkamp, a Club Circle resident, pointed out that there are 127 trees on the golf course, which would cease to exist without the course irrigation.

Directors Tatusko and Estep reported that they owned property at Club Circle and would have to recuse themselves from any vote on the subject.

President Hart reported that the auction of the Borrego Springs Country Club had been postponed until April 6, and the Board cannot make a decision on Club Circle until then, since the Country Club leases the Club Circle Course to the District.

Director Brecht inquired about Ms. Gibson's reference to the District's contract to manage the golf course. President Hart explained that the original MOU consolidating the Borrego Springs Park Community Service District, the previous operator of the golf course, with BWD, provided that BWD would continue to operate the course as long as there were sufficient funds. Director Brecht recommended figuring out the total cost of the golf course operation and presenting it to the Club Circle residents for consideration.

Director Estep suggested that the District consider operating the golf course under its park powers. President Hart explained that this would require a 218 process and a vote by all residents of Borrego Valley.

**B. Discussion and possible approval of New Development Policy revisions:** Mr. Rolwing reported that per the Board's request at the last meeting, he had confirmed the accuracy of the meter figures in the New Development Policy revisions. Director Brecht requested that a map of Improvement Districts be included in the Policy, and summarized other modifications which he submitted to Mr. Rolwing for incorporation by the Operations & Management Committee. President Hart noted that Schedules A and C, which are referenced in the Policy, were not attached. Mr. Rolwing explained that Schedule A would consist of Policy page 11 and following. He proposed simply referring to the Policy on page 13, rather than Schedule C. The revised New Development Policy will be reviewed again at the April workshop.

**C. Review of Town Hall Agenda:** Mr. Rolwing announced that Jim Bennett would not be participating in the Town Hall Meeting. President Hart suggested posting announcements of the meeting at the Post Office, Kendall's and the Center Market.

**D. Review of FY 2017 Budget:** Director Brecht requested that the entire budget package be presented at the April workshop. He recommended using the term, "revenue adjustment" instead of "budget adjustment." Mr. Rolwing suggested that the depth dependent water quality study be listed as a separate item, not part of the GSP, and that the GSP budget be reduced from \$600,000 to \$400,000.

**E. Review of Raftelis business plan & rate model:** Habib Isaac and Victor Smith from Raftelis joined the meeting via teleconference. Mr. Rolwing reported that legal counsel had reviewed the Town Center Sewer Agreement and thinks the District can increase rates in IDs 1 and 5 for operations and maintenance at the Sewer Plant.

Mr. Isaac reported that as requested by the Board, he had included provision for an electrical cost pass-through option in future years. He presented slides shown at the last meeting, with some revisions. The proposed financial plan would insure financial stability for the study

period and meet minimum reserve requirements for 2018. Mr. Rolwing requested that reference to the Wilcox Reservoir be changed to “storage and blending infrastructure.” Mr. Isaac went on to summarize the allocation of fixed versus variable costs, noting that golf course irrigation had been removed from the baseline calculation. He then presented scenarios for various size water meters and how they would be affected by the proposed financial plan. Tier 1, Tier 2 and non-residential rates were explained, based on capital cost of treatment to maintain water availability. Although unit rates for water usage would increase, meter charges would be reduced so the impact should be minimized. President Hart requested a depiction of the actual impact on a customer using seven, twelve and twenty units per month, respectively.

Mr. Isaac explained that adjustments in the proposed sewer rates had been made based on the attorney’s feedback. The plan would meet and maintain minimum reserves through 2017. He summarized proposed sewer charges for residential and commercial for each affected Improvement District. Mr. Rolwing requested that lift station costs be removed from ID 1. He will provide the allocation between IDs 2 and 5 to Mr. Isaac.

Director Brecht inquired about an update of the reserve policy recommendations, and Mr. Rolwing agreed to provide Raftelis with a copy of the policy.

Mr. Isaac agreed to have a redraft of the report by the end of the day Friday and will provide a copy to District counsel. It will be available on the BWD website.

Discussion followed regarding the importance of reserves and the need to communicate this to the public. Director Tatusko pointed out that the District will need to borrow money in the next five years, and if we are not able to do so the reserves will be depleted quickly. President Hart likened it to a personal savings account, recommended to cover six months’ expenses in case of emergency. Suggestions from the public included showing how conservative water users can save money under the new structure, and explaining the allocation between outdoor and indoor water use.

### **III. CLOSING PROCEDURE**

There being no further business, the Board adjourned at 12:00 p.m. The next Regular Meeting of the Board of Directors is scheduled for March 23, 2016 at the Borrego Water District. The Town Hall Meeting is scheduled for March 30, 2016 at the Performing Arts Center.







Director Brecht suggested thanking him for his opinion and informing him that the Board would take it under advisement. Links to previous studies on the subject could also be provided.

Mr. Rolwing referred to JPIA's letter outlining its recent risk assessment and training visit. The letter was complimentary to the District. JPIA provides liability insurance through ACWA.

## II. CURRENT BUSINESS MATTERS

A. Discussion and possible consideration of appeal: President Hart recused herself from participating in this item because the appealing party, David Lockhart, is her next-door neighbor. Mr. Rolwing explained that Dr. Lockhart's water meter was not recording accurately, so the District replaced it. Dr. Lockhart feels the old meter was correct and the new one is not. He refused the District's offer to recalibrate it. Discussion followed. **MSC: Brecht/Delahay requiring Dr. Lockhart to pay his \$473.58 bill or take advantage of the one-time waiver.** President Hart asked whether the new billing system would flag meters that had become inaccurate, and Kim Pitman agreed to look into it.

B. Discussion of storage/blending infrastructure project financing requirements: Director Brecht recommended compiling information from a systems management and water quality standpoint to support the need for a storage/blending infrastructure project now. Hopefully low cost funding from the State or USDA will be available. Mr. Rolwing reported that Dudek is current working on this.

Mr. Rolwing discussed a seminar he attended recently on Proposition 1 funding for clean water projects. It addressed clean groundwater, not drinking water. This funding may be available for the depth dependent water quality study.

C. Discussion and possible approval of amended Policy for Water and Sewer Service to New Developments: The Board discussed changes to the amended Policy for Water and Sewer Service to New Developments, including modification of internal references and definitions. **MSC: Brecht/Tatusko approving the amended Policy for Water and Sewer Services to New Developments, as further amended today.**

D. Discussion of proposed Rate increases for FY 2017-FY 2021: Mr. Rolwing reported that the latest proposed rate increases had arrived late Monday night and were distributed Tuesday morning. President Hart had some corrections, and recommended requesting a clean draft with amendments, then posting it on the District website. Director Brecht pointed out that District counsel needs to review it for compliance with Proposition 218 requirements. President Hart noted that the clerical staff needs to be familiar with the protest process (paperwork, forms and security). We also need a draft resolution from Morgan Foley, and assurance that the electrical cost pass-through provision is included. Documents for posting on the website include the Raftelis rate study, rate FAQs, most recent CIP budget, Dudek sustainable cost study in draft form, State conservation standards from AWWA, the GSA resolution, Trey Driscoll's summary of SGMA and an explanation of Proposition 218.

E. Discussion of Rate Payers Steering Committee for Sustainable Groundwater Management Act (SGMA) Groundwater Sustainability Plan (GSP) plan development process, presented by Ran Shindler: Mr. Shindler predicted that the Ratepayers Steering Committee would begin meeting this fall and continue for a year and a half to two years. So far he had recruited six volunteers, including himself: Dave Duncan, Mike Macklehatten, John and Mary Delaney and Dick Troy. He wants to involve the Hispanic community. Gary Haldeman, Jan Naragon and Maria Kennedy were suggested as possible resources.

F. Consideration and possible approval of process for handling claims received for Tier 2 refunds: **MSC: Brecht/Estep approving six claims for Tier 2 refunds, totaling \$1,176.79.**

G. Review of planning calendar: President Hart pointed out that the dates for the Proposition 218 process need to be revised. Mr. Rolwing will follow up on the Raftelis spare capacity cost analysis for T2 Borrego.

### III. STAFF REPORTS

A. Financial Reports – February 2016: Ms. Pitman reported that expenses, including repairs and maintenance and personnel, were lower during the past month

B. General Manager/Operations Report: Mr. Rolwing and the Board discussed the recent Borrego Valley Groundwater Basin Water Quality Project scoping meeting. Issues included pipeline costs, well identification and temperature. The Viking Ranch well was discussed as a possible future monitoring or depth dependent study well.

C. Water and Wastewater Operations Report – February 2016: Greg Holloway reported that GPS equipment had been secured to locate District facilities, and buyers were available for the two District trailers for sale. Discussion followed regarding the 800 Tank, which is out of service. The contractor has not billed the District, but if he does, Mr. Foley will be contracted to determine the District's legal rights. Mr. Rolwing had also consulted Mr. Foley regarding the La Casa sewer issue and was trying to obtain an engineering report from La Casa. Mr. Holloway noted that JPIA should cover it.

D. Water Production/Use Records – February 2016: The Water Production/Use Records were included in the Board package.

### IV. ATTORNEY'S REPORT

None

### V. COMMITTEE REPORTS & PROPOSALS

#### Ad Hoc Committees

##### 1. Audit Committee

Director Brecht reported that the Committee was working on the budget and the audit.

##### 2. Due-Diligence

Director Brecht reported that the Committee hoped to meet with David Aladjem soon on the Oasis matter.

##### 3. Strategic Planning Committee

President Hart reported the Committee had been preparing for the Town Hall Meeting and working with the County on GSA overlap issues. She recommended scheduling a closed session so the whole Board could discuss this. Mr. Rolwing suggested scheduling a special meeting next week including Mr. Aladjem, and agreed to contract him.

##### 4. Executive Committee

President Hart reported that the Committee had been working on the park issue raised by the Club Circle Homeowners' Association.

##### 5. Operations & Management Committee

Mr. Rolwing reported that the Committee met two weeks ago regarding the CIP. An update to aerial photos of the District is planned.

##### 6. Parks Committee

No report.

##### 7. CFD Committee

No report.

##### 8. Conservation Committee

No report.

President Hart requested that the Personnel Committee be resurrected on future Agendas. A closed session, including Mr. Foley, will be scheduled at next week's Special Meeting to discuss personnel issues.

## **VI. INFORMATION ITEMS**

**A. Letter regarding Raftelis Rate Study:** A proposed letter explaining the Raftelis Rate Study and the new suggested Tiers 1 and 2 was included in the Board package. A Spanish translation will be included on the reverse side.

## **VII. CLOSED SESSION**

Conference with Legal Counsel – Anticipated Litigation

**A. Significant exposure to litigation pursuant to paragraph (2) of subdivision (d) of Government Code section 54956.9. One potential case:** The closed session was cancelled.

## **VIII. CLOSING PROCEDURE**

There being no further business, the Board adjourned at 10:40 a.m. The next Special Meeting of the Board of Directors is scheduled for April 19, 2016 at the Borrego Water District. The next Regular Meeting of the Board of Directors is scheduled for April 27, 2016 at the Borrego Water District.



**Borrego Water District**  
**MINUTES**  
**Borrego Water District 2016 Town Hall**  
*Sustainable Groundwater Management for the Borrego Valley Groundwater Basin*  
**Wednesday, March 30, 2016, 4:00 PM – 5:30 PM**  
**PERFORMING ARTS CENTER**  
**590 Palm Canyon Drive**  
**Borrego Springs, CA 92004**

**Attendance:**

Directors Present: President Hart, Vice-President Lyle Brecht, Secretary/Treasurer Tatusko, Delahay, Estep

Staff: Jerry Rolwing, General Manager  
Greg Holloway, Operations Manager  
Kim Pitman, Administration Manager  
Diana Del Bono, Administrative Assistant  
Esmeralda Garcia, Customer Service Representative  
Wendy Quinn, Recording Secretary

Public: Charlie Rennie M.B. McCaffray  
John Peterson Richard Gray  
Kathy Dice, CA State Parks Susan Leahy  
Dick Troy Dennis Jensen, Oasis Ranch Management  
Elaine Tulving Susan Percival, Club Circle East HOA  
Kathy Johnston G. Woodby  
Paulette Asche Bill Berkley, Rams Hill  
Mark Jorgensen Jim Engelke  
Joya Granbery Hoyt Walter Kilchin  
Pat Matthews, Desert Dave Duncan  
Shadows HOA John Thompson  
William Burton Elena Thompson  
Bob Moore Janie Kimball  
Selden McKee Michael Sadler, *Borrego Sun*  
Hans Hoefer Robert Keeley  
Grant Williams Andrew Page  
Kori Peterson

1) **Video Presentation:** “Will this desert community survive its overdraft problem?”, part of a “Worth of Water” series for High Country News, by Zoe Meyers. The video outlined Borrego’s overdraft issue and the prediction that if the extraction continues at its present rate, the aquifer will be exhausted in 35 to 50 years. Comments from John Peterson, Jerry Rolwing and Mark Jorgensen were included. The video referenced the work of the Borrego Water Coalition in promoting water conservation, and the movement to reduce agriculture in the Valley.

2) **Greetings and introductions: Beth Hart, President of the Board of Directors, Borrego Water District.** President Hart welcomed the attendees and introduced the Board members and staff present.

3) **“Groundwater Overdraft – Just the Facts”:** Jerry Rolwing, General Manager, Borrego Water District. Mr. Rolwing began by emphasizing that we have a chance to control our own destiny. He showed graphs depicting the dropping water levels, but noted that progress is being made in slowing down the overdraft. The Borrego Water Coalition has been instrumental in this effort. Domestic pumping has been reduced by 20 percent over the last five years. Farmers, golf courses and parks have also reduced their pumping and improved efficiency. Mr. Rolwing informed the group that conservation information is available from the District. The assistance of a master gardener is available, and plans are underway to reinstate the free irrigation audits for BWD customers. The effort continues toward the State-mandated goal of a 70 percent extraction reduction in the next 20 years, and the adoption of a plan to achieve this by 2020. Mr. Rolwing closed by announcing his retirement in July, making this his final Town Hall Meeting.

4) **“Addressing Infrastructure for Future Water Quality”:** Greg Holloway, Operations Manager, Borrego Water District. Mr. Holloway summarized the history of water delivery in Borrego Springs, explaining that there once were several different water agencies which were eventually consolidated into the Borrego Water District. He went on to explain plans for a new two million gallon reservoir, pumping station and pipeline to replace aging facilities and ensure reliability delivery of high quality water to the District’s customers.

5) **Overview of the Sustainable Groundwater Management Act and Borrego Valley Groundwater Basin Boundary Adjustment.** Trey Driscoll, Principal Hydrogeologist, Dudek (California-based environmental and engineering consulting firm with more than 300 planners, scientists, engineers, licensed contractors, and technical staff). Mr. Driscoll spoke about the background of SGMA and the basin boundary modification request, which was just submitted to DWR. He explained that SGMA is comprised of three senate bills signed into law in 2014 and applies to medium and high-priority basins. BWD and the Counties of San Diego and Imperial are the responsible parties for the Borrego Valley Groundwater Basin, but upon approval of the boundary modification, Imperial County will become a separate basin. BVGB is considered medium priority, because of its low population, but in a state of critical overdraft. SGMA requires medium and high-priority basins to achieve groundwater sustainability and to designate a Groundwater Sustainability Agency to oversee this effort. For the BVGB, it is anticipated this will be a joint effort between BWD and the County of San Diego with stakeholder input. Tools for implementation of SGMA include registration of wells, management of extraction and required reports. A Groundwater Sustainability Plan must be developed and approved by 2020.

Mr. Driscoll went on to explain the proposed basin boundary adjustment, which will facilitate creation of a GSP specific to the overdrafted area of the basin. The new BVGB would end at San Felipe Wash, and the area beyond that, which is not in overdraft, would be designated as the Ocotillo Wells Groundwater Basin and will probably be designated low priority.

6) **“How Planning for Water Quality Changes Due to the Overdraft will Impact Water Rates”:** Lyle Brecht, Vice-president of the Board of Directors. Director

Brecht summarized the current Board's history since assuming office in 2011 with the District's cash depleted by \$6 million, a \$1 operating deficit and no credit. The new Board cut operating expenses and staff and developed a financial rescue plan. Water rates were increased by nearly 100 percent, and the District is now approaching credit-worthiness. Reserves and operating cash are building up.

Director Brecht presented graphs depicting Options A and B, A being unsustainable and B sustainable. He explained that the longer the basin is in overdraft, the more expensive water will become because of the necessity to increase treatment levels. In the 30 years the overdraft has been studied, it has doubled. Today there is an opportunity under SGMA to attain sustainability by 2040. Agriculture and golf courses will have to contribute to the cost. Director Brecht explained the costs involved over the next five years to protect public health by ensuring delivery of potable water 24/7. The District will be entering into a Proposition 218 process to introduce proposed rate increases for 2017-21. Monthly base rates will decrease and residential usage rates, designated Tiers 1 and 2, will increase. Commercial rates and sewer rates will also increase. Director Brecht noted that residential customers using less than seven units of water per month will not see a significant change in their bill. He urged residents to join in supporting the District's plans to meet SGMA requirements and avoid adjudication or State take-over.

**7) "How Overdraft Planning will Impact the Community": Board President Beth Hart.** President Hart expressed the Board's hope that the community will continue working together to retain local control and address the overdraft. She cited the Borrego Water Coalition, SGMA and USGS studies as contributing factors in this effort. BWD is working with the County, agriculture, the golf courses and DWR to develop a workable and effective Groundwater Management Plan. She urged the attendees to participate in the planning process, attend Board meetings and visit the BWD website.

**8) Moderated, written questions from the audience for specific presenters.**  
**9) Comments from the audience.**

The first question was whether there was any data indicating the likelihood that agriculture would reduce pumping. President Hart pointed out that farmers participated in the Coalition, and that they are business people who are working to either continue their business as efficiently as possible or develop an exit strategy. She added that under SGMA, the District can begin monitoring agricultural wells and imposing penalties for using water beyond a sustainable level.

In response to an inquiry about enforcement mechanisms to ensure compliance with SGMA, Mr. Rolwing explained that if BWD doesn't create an acceptable Groundwater Management Plan by 2020, the State will do it for us. President Hart added that the District and the County are working together on land development, air quality and environmental issues.

The next speaker asked about issues affecting someone with a swimming pool. Mr. Rolwing stated that if you own the land, you generally own the rights to the water under it. However, in the case of former customers of the Borrego Water Company, the rights were owned by the Company and transferred to BWD at the time of the merger. The District will make sure the water rights are available to these landowners.



Responding to a question about the lower aquifer, Mr. Rolwing that some testing has been done of the upper, middle and lower aquifers, indicating the lower levels contain more clay. The District is working with the USGS to begin a depth dependent water quality testing program to provide more information on water quality at all levels. The inquirer went on to ask about other closed basins in California and whether they were achieving sustainability. Mr. Driscoll replied that he was in contact with other districts going through the same process as BWD, for example in Box Canyon. Part of their basin was adjudicated. They have a water master, and are looking at different options to achieving sustainability.

President Hart informed an attendees asking for a copy of the Dudek report that it would be available on the BWD website in a few days. She went on to respond to an inquiry about the continuation of Christmas Circle, explaining that it was governed by an organization separate from BWD.

The next questions dealt with whether all water users would experience rate increases. President Hart replied that the cost of implementing SGMA would be spread across all extractors in Borrego Valley. She stated that upon adoption, the new rates would be effective July 1 and appear on the August water bills.

In response to an inquiry as to whether farms and private well users were asked to reduce water usage by 25 percent in response to the current drought, Mr. Rolwing explained that this reduction only applied to municipal water users.

President Hart announced a series of questions on the recent urgency ordinance limiting irrigation to two days a week. She informed the group that information was available on the District website. Small water agencies had the choice of reducing usage by 25 percent or limiting irrigation to two days a week. Since the 25 percent reduction was based on a comparison with usage in 2013, a wet year, we did not achieve it and had to limit irrigation or face a \$500 per day fine. The Board hopes to amend the ordinance to make it more applicable to the Borrego desert climate. Public input will be requested at the April 19 meeting.

Responding to a question about the mathematical factors involved in the water use reduction plans, Mr. Rolwing reiterated that all users in the Valley need to eventually reduce by 70 percent.

Hans Hoefler expressed concern that 80 percent of the water in the Valley was used by a minority who didn't participate in the cost. Director Brecht explained again that this would change under SGMA. Mr. Hoefler mentioned the water used at the solar facilities, and Director Brecht replied that it had been regulated by the County in the past but would change.

Elena Thompson thanked the presenters for tonight's program and pointed out that water rates in Encinitas are higher than those in Borrego. She hoped to see agriculture cut back on its water usage.

John Peterson stated that he had been involved in water rights issues for 35 years and previously served as a County groundwater geologist. He thanked the Board and pointed out that they were faced with issues involving both the quantity and quality of water.

The next question was whether all wells would eventually be monitored, and if so, what was the timeline. President Hart replied that the District was working on an MOU with the County to serve as joint Groundwater Sustainability Agencies, and once that is approved by DWR, metering of all wells will begin.

Another attendee asked whether under the new ordinance they could water three days a week for two hours each rather than two days for six hours. President Hart urged attendance at the April 19 meeting where possible updates to the ordinance will be discussed.

Concern was expressed regarding plans for Rudyville and whether density could be controlled. Mr. Rolwing replied that the District had recently revised its new development policy, so the purchase of water credits would be required for new development. Concerns regarding land use should be presented to the Community Sponsor Group.

Economic issues were addressed, including the long-term cost of water and the impact of departure of agriculture from the Valley.

There being no further comments, the meeting was adjourned at 5:50 p.m.

To whom it may concern,

How do we cut out water down by 25% when summer is approaching, and when we take the cover off the pool it will need more water due to evaporation. Also the swamp cooler will be in use.

Showers - wet, soap, rinse. During the summertime we wash poolside with the hose, and water goes into pool.

Toilets - flush every third wee.

Car - have washed our car once in twenty years. Use Costco car wash in Poway.

Dishwasher - about once a week - full to the brim. Don't rinse beforehand.

Washing - new less water machine. The grey water goes out to the garden and I only wash about every ten days so I haven't small washes.

Irrigation - 30 minutes everyday for three separate lines (3/4 acre) Have new plants that need watering everyday to become established. Do pots with watering can and have only just finished with the rain from the last big storm. Caught in 5 and 15 gallon containers from roof. We are too old (87, 81) to be watering all this with a watering can.

We do all this to save money on our water bill, we are on a small S.S. payment.

When we think of all the water used by palm "farmers", and then you let Rams' Hill have the golf course. I doesn't beg belief. Truly  
H. R. Preston

**Ordinance No. 16-01**

***AN URGENCY ORDINANCE OF THE BOARD OF DIRECTORS OF THE BORREGO WATER DISTRICT ESTABLISHING WATER CONSERVATION REQUIREMENTS BY LIMITING LANDSCAPE WATERING, TO TAKE EFFECT IMMEDIATELY***

**WHEREAS**, the Board of Directors (the “Board”) of the Borrego Water District (the “District”) recognizes that there is a need to develop mandatory conservation measures during identified and declared emergency circumstances, including drought conditions; and

**WHEREAS**, the Board has previously adopted Resolution No. 2009-4-1, a “Resolution of the Board of Directors of the Borrego Water District, San Diego County, California, Adopting in Principle Tiered Water Rates Subject to Subsequent Compliance With Proposition 218 and Adopting the BWD First Conservation Management Plan,” (the “Resolution”), with the intent of encouraging water use efficiency and conservation by its customers in the form of conservation and end use efficiency incentive measures through various options; and

**WHEREAS**, on January 17, 2014, the Governor of the State of California issued a proclamation of a state of emergency under the California Emergency Services Act based on existing drought conditions, which state of emergency was continued by the Governor on April 25, 2014, and remains in effect; and

**WHEREAS**, on April 1, 2015, the Governor issued an Executive Order that, in part, directs the State Water Resources Control Board to impose restrictions on water suppliers in order to achieve a statewide reduction of potable water use by not less than 25 percent through February 2016, which directives were extended to October 31, 2016 by a second Executive Order on November 13, 2015, should the drought conditions continue through January 2016; and

**WHEREAS**, on February 2, 2016, the California State Resources Control Water Board (State Board) adopted Extended Emergency Water Conservation Regulations extending the state of emergency under the California Emergency Services Act through October 2016, and

**WHEREAS**, the State Board adopted regulations to impose restrictions on non-urban water suppliers, such as Borrego Water District, to either reduce its total potable water production by 25 percent relative to the amount produced in 2013 or limit outdoor irrigation of ornamental landscapes or turf with potable water by the persons it serves to no more than two (2) days per week; and

**WHEREAS**, the voluntary conservation and end use efficiency incentive measures identified in the Resolution have not achieved the required 25 percent reduction, making it mandatory for the District to limit outdoor irrigation of ornamental landscapes or turf with potable water by the District’s customers to no more than twice each week or suffer fines from the State Board in the amount of \$500 per day for each violation;

**NOW, THEREFORE, BE IT ORDAINED** by the Board of Directors of the Borrego Water District, as follows:

Section 1.     Declaration and Finding of Urgency.

A.     On January 17, 2014, Governor Brown issued a proclamation of a state of emergency under the California Emergency Services Act (Government Code section 8550 et seq.), as a result of ongoing drought conditions throughout the State of California. Governor Brown issued a proclamation of a

continued state of drought emergency on April 25, 2014. On April 1, 2015, as a result of unabated drought conditions, Governor Brown issued Executive Order No. 8-29-15 directing the State Board, which includes restrictions imposed on water suppliers to achieve a 25% reduction in potable urban water usage through February 28, 2016, as compared to 2013.

B. In May 2015, the State Board implemented the 25% reduction mandated by the Executive Order requiring each distributor of public water supply (as defined in Water Code section 350), that is not an urban water supplier, to either (1) limit outdoor irrigation of ornamental landscapes or turf with potable water to not more than two (2) days per week; or (2) implement other mandatory conservation measures intended to achieve a 25% reduction in potable water consumption.

C. Immediate implementation of the proposed ordinance will serve to achieve the mandated emergency regulations, thereby helping to protect the public health and safety by conserving potable water supplies for human consumption and other more essential purposes. The Board finds that the Ordinance should be adopted on an urgent basis to ensure greater water conservation with this Ordinance effective immediately upon passage.

Section 2. Purpose.

A. The purpose of this Ordinance is to establish water management requirements necessary to conserve water, enable effective water supply planning, assure reasonable and beneficial use of water, prevent waste of water, prevent unreasonable use of water, prevent unreasonable methods of use of water within the Borrego Water District in order to assure adequate supplies of water to meet the needs of the public, and further the public health, safety, and welfare, recognizing that water is a scarce natural resource that requires careful management not only in times of drought, but at all times of emergencies.

B. This Ordinance establishes regulations to be implemented during times of declared water shortages, declared water shortage emergencies, or other emergencies affecting the ability of the District to maintain an adequate supply of potable water for its customers.

Section 3. Limitations on outdoor landscapes and turf irrigation.

Effective immediately, outdoor landscapes and turf irrigation restrictions are hereby imposed in order to preserve and protect the District's supply of potable water and to comply with regulations adopted by the State of California are as follows:

A. Outdoor landscapes and turf irrigation are hereby restricted to a maximum of two (2) days per calendar week for each property. . This provision does not apply to landscape irrigation systems using water efficient devices, including but not limited to: weather based controllers, drip/micro-irrigation systems and stream rotor sprinklers or other low volume irrigation type such as micro jet or micro bubblers where no emitters produces more than 2 gallons per hour.

B. The days for permitted outdoor watering are designated as Mondays and Thursdays of the week for addresses ending in odd numbers, and Tuesdays and Fridays of the week for addresses ending in even numbers. If there is no street address, the resident should contact the GM to be assigned certain days. This restriction does not apply to unattended irrigation timers that can be set to water on rotating days or on varying schedules, provided that irrigation is limited to no more than 2 days per week.

- C. No outdoor watering schedule shall exceed a total of 6 hours a day during which outdoor landscapes and turf may be irrigated so as not to result in runoff. This provision does not apply to landscape irrigation systems using water efficient devices, including but not limited to: weather based controllers, drip/micro-irrigation systems and stream rotor sprinklers or other low volume irrigation type such as micro jet or micro bubblers where no emitters produces more than 2 gallons per hour. Unattended irrigation timers set to water on rotating days or on varying schedules provided that irrigation is limited to no more than 2 days per week.
- D. Irrigation of landscape and turf is restricted to overnight hours except when weather conditions are unfavorable.
- E. No outdoor watering shall occur within 48 hours after measurable rainfall.
- F. These provisions do not apply to watering livestock, irrigation of fruit trees and shrubs intended for consumption, irrigation for fire protection, irrigation to prevent soil erosion, water used to repair irrigation or water systems, or maintenance of landscaping within active public parks and playing fields, day care centers, school grounds.
- G. Ratepayers seeking to comply with the Ordinance by establishing an alternative schedule to those listed in Section 1.a. – d. may submit a written proposal to the General Manager for approval before implementing. If it is discovered that the alternative schedule is not in compliance with the Ordinance or an abuse of water use, the General Manager will revoke his approval and fines and penalties may be assessed.
- H. Hardship waiver. A hardship waiver can be granted or conditionally granted under the following conditions:
  - a. Due to unique circumstances a specific requirement would result in undue hardship,
  - b. The waiver does not constitute a grant of special privileges,
  - c. The granting of the waiver is not detrimental to other properties or to the general welfare of the public,
  - d. The circumstances for the waiver are not common, recurrent or general in nature,
  - e. Conservation is currently being accomplished through previous installation of water saving features.

If the above conditions are met, a written statement of a request for hardship waiver should be submitted to the General Manager accompanied with photos, maps, drawings, etc to establish why the variance should be granted.

Section 4. Failure to comply with irrigation restrictions.

Any customer or responsible party found in violation of any order of the General Manager or the Board imposed by this Section may be subject to administrative fines or penalties as set forth in this Administrative Code, in Ordinance No. 15-01, or as otherwise established by the Board.

Section 5. This ordinance shall be effective following its passage and adoption by a four-fifths vote of the Board of Directors, and in accordance with Government Code section 36937(b).

**ADOPTED, SIGNED AND APPROVED** this 27<sup>th</sup> day of April, 2016.

---

Beth Hart, President of the Board of Directors of  
Borrego Water District

ATTEST:

---

Joseph Tatusko, Secretary of the Board of Directors of  
Borrego Water District

{Seal}



STATE OF CALIFORNIA )  
 ) ss.  
COUNTY OF SAN DIEGO )

I, Joseph Tatusko, Secretary of the Board of Directors of the Borrego Water District, do hereby certify that the foregoing Ordinance was duly adopted by the Board of Directors of said District at a regular meeting held on the 27<sup>th</sup> day of April, 2016, and that it was so adopted by the following vote:

AYES: DIRECTORS:  
NOES: DIRECTORS:  
ABSENT: DIRECTORS:  
ABSTAIN: DIRECTORS:

---

Joseph Tatusko, Secretary of the Board of Directors  
of Borrego Water District

STATE OF CALIFORNIA )  
 ) ss.  
COUNTY OF SAN DIEGO )

I, Joseph Tatusko, Secretary of the Board of Directors of the Borrego Water District, do hereby certify that the above and foregoing is a full, true and correct copy of Ordinance No. 16-01, of said Board, and that the same has not been amended or repealed.

Dated: April 27, 2016

---

Joseph Tatusko, Secretary of the Board of Directors  
of Borrego Water District

**Table 3-10: Five-Year Water Utility Proposed Financial Plan – Reserve Fund Levels**

<b>Borrego Water District</b>						
<b>Reserve Funds</b>						
Line		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021
No.	<b>Operating Reserve</b>					
1	<u>Source of Funds</u>					
2	Beginning Balance	\$467,649	\$488,535	\$510,390	\$533,260	\$557,195
3	Transfer to Capital Reserve	-\$1,000,129	-\$367,681	-\$374,767	-\$388,453	-\$205,880
4	Net Annual Cash Balance	1,021,015	389,536	397,637	412,388	230,929
5	<b>Total Funds Available</b>	488,535	510,390	533,260	557,195	582,244
	<u>Use of Funds</u>					
6	Net Annual Cash Balance	-	-	-	-	-
7						
8	<b>Total Use of Funds</b>	-	-	-	-	-
9	<b>Ending Fund Balance</b>	<b>488,535</b>	<b>510,390</b>	<b>533,260</b>	<b>557,195</b>	<b>582,244</b>
10	Upper Target	<b>33%</b>	644,866	673,714	703,903	768,562
11	Lower Target	<b>25%</b>	488,535	510,390	533,260	582,244
	<b>Capital Reserve</b>					
12	<u>Source of Funds</u>					
13	Beginning Balance	\$2,068,574	\$1,820,028	\$5,160,139	\$3,750,048	\$3,033,066
14	Bond Proceeds	\$0	\$9,000,000	\$0	\$0	\$2,700,000
15	Transfer from Cash Reserve	\$1,000,129	\$367,681	\$374,767	\$388,453	\$205,880
16	<b>Total Funds Available</b>	3,068,703	11,187,708	5,534,906	4,138,501	5,938,946
	<u>Use of Funds</u>					
17	CIP Spending & Short Lived Assets	1,268,022	6,062,296	1,829,188	1,139,182	2,714,875
18						
19	<b>Total Use of Funds</b>	1,268,022	6,062,296	1,829,188	1,139,182	2,714,875
20	<b>Fund Balance Before Interest</b>	<b>1,800,681</b>	<b>5,125,412</b>	<b>3,705,719</b>	<b>2,999,319</b>	<b>3,224,071</b>
21	Interest	19,346	34,727	44,329	33,747	31,286
22	<b>Ending Fund Balance</b>	<b>1,820,028</b>	<b>5,160,139</b>	<b>3,750,048</b>	<b>3,033,066</b>	<b>3,255,356</b>
	Target	<b>100%</b>	<b>2,839,775</b>	<b>2,232,702</b>	<b>2,573,465</b>	<b>2,573,465</b>

Figure 3-4 illustrates the operating position of the Water Utility, where the expenses, inclusive of reserve funding and debt service, are shown by stacked bars; and total revenues at current rates and proposed rates are shown by the horizontal trend lines. Figure 3-5 summarizes the projected CIP and its funding sources, either PAYGO or debt financed. Figure 3-6 displays the ending total reserve balance for the water utility, inclusive of operating and capital funds, where the horizontal trend line indicates the target reserve balance (as recommended by the reserve requirements discussed in Section 3.1.5) and the bars indicate ending reserve balance.

**Table 6-5: Wastewater CIP Summary**

	FYE 2016	FYE 2017	FYE 2018	FYE 2019	FYE 2020	FYE 2021
Total CIP – Wastewater	\$477,588	\$400,260	\$46,786	\$282,124	\$54,723	\$59,182
Short Live Assets Replacement Program – Wastewater	\$142,000	\$59,850	\$89,104	\$68,937	\$81,735	\$85,398
<b>Total</b>	<b>\$619,588</b>	<b>\$460,110</b>	<b>\$135,890</b>	<b>\$351,061</b>	<b>\$136,458</b>	<b>\$144,580</b>

#### 6.1.4 Current Debt

Currently the wastewater utility only has one debt obligation outstanding. This is the 2009 Private Placement. The annual debt service for this loan totals \$20,544 annually. This obligation can be seen in **Table 6-6** below.

**Table 6-6: Wastewater Existing Debt**

	FYE 2016	FYE 2017	FYE 2018	FYE 2019	FYE 2020	FYE 2021
Viking Ranch Refinance						
Wastewater Portion	\$20,544	\$20,544	\$20,544	\$20,544	\$20,544	\$20,544
<b>Total</b>	<b>\$20,544</b>	<b>\$20,544</b>	<b>\$20,544</b>	<b>\$20,544</b>	<b>\$20,544</b>	<b>\$20,544</b>

## 6.2 WASTEWATER STATUS QUO FINANCIAL PLAN

### 6.2.1 Wastewater Proforma

**Table 6-7** displays the proforma of the District’s Wastewater Fund under current rates over the Study Period. All projections shown in the Table are based upon the current rate structure and do not include any rate adjustments. The pro-forma incorporates the data shown in Section **6.1**.

Under the “status-quo” scenario, revenues generated from rates are inadequate to sufficiently recover both operating and capital expenses of the utility beginning in FYE 2016. Though current operating revenues do exceed operating costs, they are insufficient to also fund the utility’s capital program and would require the use of reserves. While the ending reserve balance is already below target levels, it dives further below target levels under the status quo scenario and is negative by FYE 2017.

BWD O&M COMMITTEE REPORT FOR 4-27-16

O&M MEETING OF 4-19-16

MEMBERS PRESENT: JOE TATUSKO DIRECTOR, RAY DELAHAY DIRECTOR, JERRY ROLWING GM, GREG HOLLOWAY OPERATIONS MANAGER, DAVID DALE BWD ENGINEER & PRESENTOR RICK ALEXANDER, PRIVATE CITIZEN

RICK ALEXANDER PROVIDED HIS BACKGROUND HISTORY WORKING IN THE WATER RELATED FIELD IN THE SAN DIEGO AREA INCLUDING MOST RECENTLY 2005-2010 WITH THE SWEETWATER DISTRICT. RICK WAS ABLE TO HELP SWEETWATER WIN A \$5.5 MILLION GRANT. RICK DESCRIBED HIS EXPERTISE AS PUBLIC POLICY, PUBLIC OUTREACH, AND GRANT FUNDING RESEARCH AND WRITING. RICK PROVIDED A VERBAL LIST OF POSSIBLE GRANT SOURCES. WE ASK RICK TO PROVIDE A PROPOSAL FOR POSSIBLE BWD CONSIDERATION.

NEXT, THE ABOVE MEMBERS EXCEPT RICK REVIEWED THE CAPITAL IMPROVEMENT PLAN (CIP) FOR FISCAL YEAR (FY) 2016-17 PRIMARLY AND OUT YEARS SECONDARLY. GREG LED THE DISCUSSION. THE FOLLOWING ITEMS WERE EITHER BROUGHT INTO FY 2016-2017, OR MOVED OUT OF FY 2016-2017. THE OBJECTIVE WAS TO STAY CLOSE TO THE \$1,362,500 BUDGETED.

PAGE 1 ITEMS

LINE ITEM 3 – FUNDING ENTIRELY REMOVED: LINE ITEM 12 – PUSHED OUT 1 FY:  
LINE ITEM 17 – THE SOFT TANK NEAR RAMS HILL HAS FAILED. THE LABOR WARRANTY WAS 1 YEAR THE LINING MATERIAL WAS FOR 3 YEARS. THE RECOMMENDATION IS TO CONSTRUCT A HARD WALL TANK FOR RELIABILITY AND LONG USE. THE IMPACT WOULD BE AND ADDED \$500,000 NOT IN 2016-2017 BUDGET.

WE THEN LOOKED AT ALL LINE ITEMS PRIORTIZED TO STAY NEAR THE ORIGINAL O&M BUDGET.

LINE ITEM 34 – WAS \$35,000 IT WAS REDUCED TO \$15,000 TO ADD SAFETY FENCES ONLY.

LINE ITEM 42 – THE BIG TRUCK FOR \$50,000 WAS PUSHED OUT.

LINE ITEM 43 – AIR PHOTO IMAGERY FOR \$20,000 WAS PUSHED OUT.

PAGE 2 ITEMS

LINE ITEM 3 & 4 – WILCOX RESERVOIR & RELATED TRANSMISSION MAINS WERE PUSHED OUT 2 YEARS TO FY 2019-2020.

LINE ITEMS 13, 14 WERE ADDED NEWLY TO THE BUDGET \$500,000 & \$100,00.

LINE ITEM 17 – CLUB CIRCLE SEWER MAIN REPLACEMENT AND UPGRADES FOR \$200,000 WAS PUSHED ONE FY.

LINE ITEM 37 – WAS CUT IN HALF TO \$50,000.

LINE ITEM 38 – WAS ALSO CUT IN HALF TO \$55,000 AND THE REMAINADER PUSHED OUT ONE FY.

LINE ITEM 50 - \$50,000 WAS PUSHED OUT ONE FY.

THE STATE OF PROP 1 FUNDING IS THE LINE ITEM 26, PIPE LINE GRANT HAS BEEN SUBMITTED. THE TWIN TANKS RELINING LINE ITEM 21 HAS BEEN SUBMITTED. THE WWTP REPAIRS IS IN WORK AND SHOULD BE SUBMITTED SOON.

THE REVISED BUDGET FOR FY 2016-2017 IS \$1,347,500 VS. ORIGINAL \$1,362,500.

PREPARED BY JOE TATUSKO

**BORREGO WATER DISTRICT**

**FISCAL YEAR 2016-2017**

**ANNUAL BUDGET**

**MAY 25, 2016**

**SUBMITTED BY:**

**JERRY ROLWING  
GENERAL MANAGER**

**TO:**

**BOARD OF DIRECTORS**

**BETH HART  
PRESIDENT**

**LYLE BRECHT  
VICE-PRESIDENT**

**JOE TATUSKO  
SECRETARY/TREASURER**

**LEE ESTEP  
DIRECTOR**

**RAYMOND DELAHAY  
DIRECTOR**

**DRAFT**

**FISCAL YEAR 2016-2017  
ANNUAL BUDGET  
MAY 25, 2016**

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# BORREGO WATER DISTRICT

May 25, 2016

Board of Directors:

This Fiscal Year 2016-2017 consolidated budget was prepared in compliance with the laws of the State of California and reflects the Board of Directors' (Board) goals and priorities and the District's strategic plans by which to achieve these goals and priorities.

The Operations and Management (O&M) and Capital Improvements Projects (CIP) and non-O&M expenses budgets contained in this FY 2017 consolidated budget package represent management's best assessment of a budget to successfully accomplish the District's goals and priorities for FY 2017. This budget document will be used as a guideline to address the dynamics of the District's operations and the economic challenges of maintaining the District's financial stability and enabling the District to supply dependable potable water and sewer and wastewater treatment to its customers.

The budget shows total revenues for FY 2017 projected to be approximately \$4,118,370. This represents a projected revenues increase of 8% from FY 2016 projected revenues.

The FY 2017 projected revenues assumes that monthly base service rates will decrease approximately 20% (all meter sizes); residential water rates for Tier 1 (< 7 units/mo) will increase from \$2.42 to \$3.16/unit in FY 2017; Tier 2 (> 7 units/mo) = \$3.48/unit in FY 2017; commercial water rates will increase from \$2.42 to \$3.35/unit in FY 2017; and revenue from sewer rates will increase 9,4,4,4,4% between FY 2017-FY 2021

Included in this budget package are the proposed Board Resolution to adopt and approve the FY 2017 budget; a detailed revenue and operations and maintenance expenses budget; CIP budget with associated justification from the District's consulting engineer, non-O&M budget items; an updated District's reserves policy; and a projected cash flow analysis for the next eight fiscal years that includes the proposed rate increases.

Thank you for your consideration.

Sincerely,

Jerry Rolwing  
General Manager

**RESOLUTION NO. 2016-05-01**

**RESOLUTION OF THE BOARD OF DIRECTORS OF THE BORREGO WATER DISTRICT APPROVING THE OPERATIONS, MAINTENANCE, CAPITAL IMPROVEMENTS AND GROUNDWATER MANAGEMENT BUDGETS AND BOARD DESIGNATED RESERVES FUND POLICY FOR FISCAL YEAR 2016-2017**

**WHEREAS**, the Board of Directors has reviewed and considered the Budget as presented for Fiscal Year 2016-2017 hereinafter referred to as the “Budget” which is attached hereto as Exhibit A and incorporated by reference, and

**WHEREAS**, the Budget provides a comprehensive plan of financial operations for the District including an estimate of revenues and the anticipated requirements for expenditures, appropriations, and reserves for the forthcoming fiscal year, and

**WHEREAS**, the Budget establishes the basis for incurring liability and making expenditures on behalf of the District.

**NOW, THEREFORE, BE IT RESOLVED** by the Board of Directors of the Borrego Water District, that the Budget and each and every part thereof, is hereby approved and adopted for the Fiscal Year 2016-2017.

**PASSED, ADOPTED AND APPROVED** at a regular meeting of the Board of Directors of the Borrego Water District held on May 25, 2016.

\_\_\_\_\_  
Beth A. Hart  
President of the Board of Directors  
Of Borrego Water District

ATTEST:

\_\_\_\_\_  
Joseph Tatusko  
Secretary/Treasurer of the Board of Directors  
Of Borrego Water District

STATE OF CALIFORNIA    )  
  ) ss.  
COUNTY OF SAN DIEGO    )



	C	BS	BW	CA	CB	CC
1	<b>BWD</b>	<b>5/27/2015</b>	<b>CASH FLOW</b>	<b>Water/Sewer</b>	<b>PROPOSED</b>	
2	<b>PROPOSED BUDGET</b>	<b>ADOPTED</b>	<b>YTD + PROJ MONTHS</b>	<b>Rate Adjustment</b>	<b>BUDGET</b>	<b>PROPOSED</b>
3	<b>2016-2017</b>	<b>BUDGET</b>	<b>PROJECTED</b>	<b>PROJECTED</b>	<b>FY 2017 with</b>	<b>BUDGET</b>
4		<b>2015-2016</b>	<b>2015-2016</b>	<b>2016-2017</b>	<b>ADJUSTMENTS</b>	<b>2016-2017</b>
5	<b>REVENUE</b>					
6	<b>WATER REVENUE</b>					
7	Residential Water Sales	932,150	884,178	265,253	(30% increase)	884,178
8	Commercial Water Sales	128,750	123,812	37,144		123,812
9	Irrigation Water Sales	143,170	135,553	40,666		135,553
10	GWM Surcharge	117,420	112,276	33,683		112,276
11	Water Sales Power Portion	373,890	356,199	106,860		356,199
12	Drought Penalty-1%	(9,045)	0			
13	Drought Rates-5.5%	(40,781)	(24,304)			
14	<b>TOTAL WATER COMMODITY REVENUE:</b>	<b>1,645,554</b>	<b>1,559,539</b>	<b>483,606</b>		<b>1,612,019</b>
15						
16					(25% decrease)	
17	Readiness Water Charge	1,335,180	1,329,269	(332,606)		1,330,424
19	RH Golf Course surplus capacity lease	0	9,630			0
20	Meter Installation	0	6,876			0
22	Reconnect Fees	1,700	2,970			2,380
23	Backflow Testing/installation	6,500	5,600			6,500
24	Bulk Water Sales	0	257			0
25	Penalty & Interest Water Collection	9,600	13,315			10,000
26	<b>TOTAL WATER REVENUE:</b>	<b>2,998,534</b>	<b>2,910,693</b>	<b>(332,606)</b>		<b>2,961,323</b>
27						
28	<b>PROPERTY ASSESSMENTS/AVAILABILITY CHARGES</b>					
29	641500 1% Property Assessments	64,000	55,931			58,254
30	641502 Property Assess wtr/swr/flid	60,000	61,247			60,966
32	641501 Water avail Standby	84,000	82,286			83,554
34	641504 ID 3 Water Standby (La Casa)	34,000	32,878			33,977
35	641503 Pest standby	17,000	14,721			16,397
36	<b>TOTAL PROPERTY ASSES/AVAIL CHARGES:</b>	<b>259,000</b>	<b>247,064</b>			<b>253,148</b>
37						
38	<b>SEWER SERVICE CHARGES</b>					
39	Town Center Sewer Holder fees	171,240	172,347	220,476	(27.5% increase)	172,922
40	Town Center Sewer User Fees	39,960	40,276	62,432	(53.3% increase)	40,726
41	Sewer user Fees	333,900	332,364	(76,445)	(-23% decrease)	332,370
45	<b>TOTAL SEWER SERVICE CHARGES:</b>	<b>545,100</b>	<b>545,356</b>	<b>206,463</b>		<b>546,387</b>
46						
47	<b>OTHER INCOME</b>					
51	Miscellaneous Income (net csd fee/JPIA rebate/check free)		1,637			0
52	Water Credits income		1,000			0
56	Interest Income	80	58			49
57	<b>TOTAL OTHER INCOME:</b>	<b>80</b>	<b>2,695</b>			<b>49</b>
58						
59	<b>TOTAL INCOME:</b>	<b>3,802,713</b>	<b>3,750,747</b>	<b>357,463</b>	<b>4,118,370</b>	<b>3,760,907</b>

	C	BS	BW	CA	CB	CC
1	<b>BWD</b>	<b>5/27/2015</b>	<b>CASH FLOW</b>	<b>Water/Sewer</b>	<b>PROPOSED</b>	
2	<b>PROPOSED BUDGET</b>	<b>ADOPTED</b>	<b>YTD + PROJ MONTHS</b>	<b>Rate Adjustment</b>	<b>BUDGET</b>	<b>PROPOSED</b>
3	<b>2016-2017</b>	<b>BUDGET</b>	<b>PROJECTED</b>	<b>PROJECTED</b>	<b>FY 2017 with</b>	<b>BUDGET</b>
4		<b>2015-2016</b>	<b>2015-2016</b>	<b>2016-2017</b>	<b>ADJUSTMENTS</b>	<b>2016-2017</b>
69	<b>EXPENSES</b>					
70						
71	<b>MAINTENANCE EXPENSE</b>					
72	R & M Buildings & Equipment	185,000	149,632			185,000
73	R & M - WWTP	132,000	54,586			150,000
74	Telemetry	10,000	13,445			10,000
75	Trash Removal	4,000	3,693			4,000
76	Vehicle Expense	18,000	21,828			18,000
77	Fuel & Oil	25,000	22,728			25,000
78	<b>TOTAL MAINTENANCE EXPENSE:</b>	<b>374,000</b>	<b>265,912</b>			<b>392,000</b>
79						<b>392,000</b>
80	<b>PROFESSIONAL SERVICES EXPENSE</b>					
81	Tax Accounting (Taussig)	3,000	2,555			3,000
82	Administrative Services (ADP/Bank Fees)	6,000	4,884			3,500
83	Audit Fees	14,439	14,439			14,995
84	Computer billing	9,900	6,758			12,000
85	Consulting/Technical/Contract Labor	1,200	350			1,200
86	Engineering	35,000	37,161			35,000
87	District Legal Services	30,000	15,173			30,000
88	Testing/lab work	12,000	14,121			12,000
89	Regulatory Permit Fees	33,000	44,301			46,000
90	<b>TOTAL PROFESSIONAL SERVICES EXPENSE:</b>	<b>144,539</b>	<b>139,742</b>			<b>157,695</b>
91						<b>157,695</b>
92	<b>INSURANCE/DEBT EXPENSE</b>					
93	ACWA Insurance	59,000	56,648			60,000
94	Workers Comp	16,000	16,398			16,800
95	COP 2008 Installment	254,525	254,525			253,113
96	Viking Ranch Debt Payment	143,312	143,422			143,312
97	<b>TOTAL INSURANCE/DEBT EXPENSE:</b>	<b>472,837</b>	<b>470,993</b>			<b>473,225</b>
98						<b>473,225</b>
99	<b>PERSONNEL EXPENSE</b>					
100	Board Meeting Expense (board stipend/board secretary)	16,500	14,906			18,500
101	Salaries & Wages (gross)	761,000	764,174			791,000
102	Taxes on Payroll	20,000	22,658			21,300
103	Medical Insurance Benefits	185,000	204,557			210,400
104	Calpers Retirement Benefits	169,200	158,747			171,000
105	Salaries & Wages contra account	(14,520)	(26,584)			(18,500)
106	Conference/Conventions/Training/Seminars	7,000	7,880			7,000
107	<b>TOTAL PERSONNEL EXPENSE:</b>	<b>1,144,180</b>	<b>1,146,338</b>			<b>1,200,700</b>
108						<b>1,200,700</b>
109	<b>OFFICE EXPENSE</b>					
110	Office Supplies	18,000	17,641			18,000
111	Office Equipment/ Rental/Maintenance Agreements	25,000	28,077			40,000
112	Postage & Freight	13,000	14,462			15,000
113	Taxes on Property	2,500	2,388			2,388
114	Telephone/Answering Service	8,400	8,272			8,400
115	Dues & Subscriptions	3,600	2,824			3,600
116	Printing, Publications & Notices	1,000	1,482			3,000
117	Uniforms	5,400	5,336			5,400
118	OSHA Requirements/Emergency preparedness	4,000	3,139			4,000
119	<b>TOTAL OFFICE EXPENSE:</b>	<b>80,900</b>	<b>83,621</b>			<b>99,788</b>
120						
121	<b>UTILITIES EXPENSE</b>					
122	Pumping-Electricity	430,000	347,081			350,000
123	Office/Shop Utilities	19,000	22,913			25,000
124	Cellular Phone	7,500	8,058			7,500
125	<b>TOTAL UTILITIES EXPENSE:</b>	<b>456,500</b>	<b>378,052</b>			<b>382,500</b>
126						
127	<b>TOTAL EXPENSES:</b>	<b>2,672,956</b>	<b>2,484,658</b>		<b>2,705,907</b>	<b>2,705,907</b>
136						
137	<b>NET CASH FLOW (O&amp;M)</b>	<b>1,129,758</b>	<b>1,122,732</b>		<b>1,312,463</b>	<b>1,055,000</b>

	C	BS	BW	CA	CB	CC
1	<b>BWD</b>	<b>5/27/2015</b>	<b>CASH FLOW</b>	<b>Water/Sewer</b>	<b>PROPOSED</b>	
2	<b>PROPOSED BUDGET</b>	<b>ADOPTED</b>	<b>YTD + PROJ MONTHS</b>	<b>Rate Adjustment</b>	<b>BUDGET</b>	<b>PROPOSED</b>
3	<b>2016-2017</b>	<b>BUDGET</b>	<b>PROJECTED</b>	<b>PROJECTED</b>	<b>FY 2017 with</b>	<b>BUDGET</b>
4		<b>2015-2016</b>	<b>2015-2016</b>	<b>2016-2017</b>	<b>ADJUSTMENTS</b>	<b>2016-2017</b>
138	<b>NON O &amp; M EXPENSES</b>					
139	<b>Water</b>					
140	Twin Tanks, 1970's-inside coating	125,000	125,000			125,000
141	Pickup	30,000	28,784			35,000
144	Pipeline replacements-Country Club/Double O/Weathervane	55,590	47,500			168,000
146	Pump and Cleaning Well ID4-4-Wells-ID1-12/ID4-4	70,000	35,000			160,000
147	Booster Station 1 Rehab	8,000	14,054			50,000
151	New 800 Reservoir					500,000
152	Transmission mains for new 800 Reservoir					100,000
153	TOTAL WATER NON O&M					<u>1,138,000</u>
154	<b>Sewer</b>					
156	WWTP-Back up Generator/Portable engine driven trash pump	92,000	47,954			16,000
166	Transfer Switch					20,000
167	Return Pump					8,500
168	Fence at ponds WWTP					15,000
169	Forcemain replacement/collection repairs					150,000
170	TOTAL SEWER NON O&M					<u>209,500</u>
171	<b>GWM</b>					
173	GWM -legal/Misc.-prop 1 grant/USGS	60,000	70,235			60,000
174	District portion of GSP	80,000	106,491			80,000
181	218 Process/Rate Study	110,000	75,283			0
186	TOTAL GWM NON O&M					<u>140,000</u>
187	<b>OTHER</b>					
202	TOTAL OTHER NON O&M					0
203	<b>TOTAL NON O&amp;M EXPENSES</b>	<b>1,202,678</b>	<b>1,072,817</b>		<b>1,487,500</b>	1,487,500
204						
205	<b>CASH RECAP</b>					
206	Cash beginning of period	2,611,448	2,852,387		2,902,302	2,902,302
207	Net Cash Flow (O&M)	1,129,758	1,122,732		1,412,463	1,055,000
208	Total Non O&M Expenses	(1,202,678)	(1,072,817)		(1,487,500)	(1,487,500)
209	<b>CASH AT END OF PERIOD</b>	<b>2,538,528</b>	<b>2,902,302</b>		<b>2,827,265</b>	<b>2,469,802</b>
210						
211	<b>RESERVES</b>					
212	Debt Reserves	(400,000)	(400,000)		(400,000)	(400,000)
213	Working Capital-Water (4 months)	(900,000)	(900,000)		(765,000)	(765,000)
215	Working Capital-Sewer (4 months)				(135,000)	(135,000)
216	Working Capital-CIP (4 months)				(500,000)	(500,000)
217	Contingency Reserves (10% O&M)	(270,000)	(270,000)		(270,000)	(270,000)
218	Rate Stabilization Reserves	(480,000)	(480,000)		(480,000)	(480,000)
219	Available for Emergency Reserves	488,528	852,302		277,265	(80,198)
220	<b>Target Emergency Reserves</b>	<b>2,000,000</b>	<b>2,000,000</b>		<b>2,000,000</b>	<b>2,000,000</b>
221	<b>Emergency Reserves Deficit</b>	<b>(1,511,472)</b>	<b>(1,147,698)</b>		<b>(1,722,735)</b>	<b>(2,080,198)</b>

	B	C	D	E	F
6	<b>BWD</b>				
7	<b>INCOME/EXPENSE</b>				
8	<b>CONDENSED BUDGET</b>				
9	<b>2016-2017</b>				
10	<b>Adopted 05/25/16</b>				
11					
12					
13					
14		<b>TOTAL</b>			
15		<b><u>BUDGET</u></b>	<b><u>WATER</u></b>	<b><u>ID4-WATER</u></b>	<b><u>SEWER</u></b>
16	<b><u>REVENUE</u></b>				
17					
18	Water Sales	2,932,680.37	1,173,072	1,759,608	
19	GWM Surcharge	179,642	71,857	107,785	
21	1% Property Assessment	58,254	23,302	34,953	
22	Water Availability Standby	194,894.01	77,958	116,936	
23	Sewer Revenue	752,850			752,850
26	Interest Income	49	17	25	8
31	<b>TOTAL PROPOSED INCOME FY 2017:</b>	<b><u>4,118,370</u></b>	<b><u>1,346,205</u></b>	<b><u>2,019,307</u></b>	<b><u>752,858</u></b>
33					
34					
35	<b><u>EXPENSE</u></b>				
36					
37	Repairs & Maintenance	392,000	96,800	145,200	150,000
38	Professional Services	157,695	51,547	77,321	28,827
39	Insurance	76,800	25,104	37,656	14,039
40	Personnel Expense	812,300	265,523	398,285	148,492
41	Employee Benefits	388,400	126,959	190,439	71,001
42	Office expense	99,788	32,618	48,928	18,242
43	Utilities	382,500	125,031	187,546	69,923
44	Debt Expense-COP 2008	253,113	-	253,113	-
45	Viking Ranch Refinance	143,312	46,845.65	70,268.46	26,198.17
46	<b>TOTAL PROPOSED EXPENSE FY 2017:</b>	<b><u>2,705,907</u></b>	<b><u>770,429</u></b>	<b><u>1,408,755</u></b>	<b><u>526,723</u></b>
47					
48	<b>NET INCOME (EXPENSE):</b>	<b><u>1,412,463</u></b>	<b><u>575,776</u></b>	<b><u>610,552</u></b>	<b><u>226,135</u></b>
49					
50	<b>TOTAL NON O &amp; M EXPENSE:</b>	<b><u>1,487,500</u></b>	<b><u>\$ 417,750</u></b>	<b><u>\$ 626,625</u></b>	<b><u>\$ 443,125</u></b>
51					
52	<b>TOTAL NET CASH FLOW FY 2017:</b>	<b><u>(75,037)</u></b>	<b><u>158,026</u></b>	<b><u>(16,073)</u></b>	<b><u>(216,990)</u></b>



	A	D	E	F	G	H	I	J	K	L	M
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26
<b>1 WELLS</b>											
2 ID1-8, 125 Hp				\$ 40,000		\$ 15,000					
3 ID1-10, 150 Hp											
4 ID1-12, 200 Hp		\$ 80,000	\$ 20,000			\$ 74,400		\$ 23,000			
5 ID1-16, 300 Hp						\$ 20,000					
6 Wilcox, Diesel drive											
7 ID4-4, 150 Hp		\$ 80,000						\$ 20,000			
8 ID4-10, 30 Hp											
9 ID4-11, 200 Hp				\$ 17,250	\$ 60,000						
10 ID4-18				\$ 11,500	\$ 17,250			\$ 13,225			
11 ID5-5, 200 Hp			\$ 60,000					\$ 69,000			
12 Air Quality Compliance			\$ 50,000				\$ 50,000				
13											
<b>14 TANKS</b>											
15 Rams Hill #1, 1980 steel, needs inside coating, 1.25 MG*											
16 Rams Hill #2, 1980 Galv, 0.44 MG, repairs - engineering study				\$ 125,000							
17 800 Tank, Hyperlon .75 MG									150,000		
18 Reclaim #1, 1985, galv repaired 2010 0.4 MG											
19 Reclaim #2, Hyperlon 2007, 1 MG, reconfigure plumbing											
20 Inlandhead, 1970's 1-0.22MG, inside coating		\$ 125,000	\$ 125,000								
21 Twin Tanks, 1970's 2-0.22 MG, inside coating (two tanks, one per year)										\$ 150,000	
22 Country Club, 1999 1.0 MG											
23											
<b>24 BOOSTER/PRESSURE REDUCING STATIONS</b>											
25 ID1, Booster Sta. 1, #1 &2 30 Hp, #3 50hp		\$ 50,000									
26 ID1, Booster Sta. 2, #4 &5 30 Hp, #6 50 hp						\$ 9,200					10,400
27 ID4, Booster Sta. 3, #7, 25 Hp											18600
28											
<b>29 WASTEWATER PLANT</b>											
30 Motor and Gear Reducers for Brushes			\$ 17,920								
31 Wastewater Return Pump		\$ 8,500								\$ 20,070	
33 Portable engine driven pump		\$ 16,000								\$ 9,000	
34 Fence at ponds & WWTP		\$ 15,000									
35 Transfer Switch		\$ 20,000									
36											
<b>EQUIPMENT</b>											
37 Sewer Tractor/loader											
38 Tractor repair/roadwork blade				\$ 163,500		\$ 25,000					
39 Backhoe											
40 Pickups		\$ 35,000		\$ 50,000		\$ 37,000		\$ 39,220			
42 Big Truck											58,000
43 Air Photo Imagery			\$ 20,000								
44											
<b>45 TOTAL SHORT LIVED ASSETS REPLACEMENT PROGRAM</b>		\$ 429,500	\$ 292,920	\$ 407,250	\$ 173,450	\$ 184,400	\$ 238,290	\$ 363,225	\$ 368,425	\$ 281,350	\$ 21,000



CIVIL ENGINEERING - LAND SURVEYING - CONSTRUCTION MANAGEMENT

4/20/16

Jerry Rolwing  
General Manager  
Borrego Water District  
806 Palm Canyon Drive  
Borrego Springs, CA 92004

Mr. Rolwing:

I have reviewed the proposed Capital Improvement Program for the next ten years and concur that the projects identified in the schedule are the most pressing physical infrastructure needs of the District at this time. The estimated costs (in 2016 dollars) of these improvements are reasonable for planning purposes.

If you have any questions please contact me.

Regards,

A handwritten signature in blue ink that reads "David Dale". The signature is written in a cursive, flowing style.

David Dale, PE, PLS  
Contract Engineer

# MEMORANDUM

**DATE:** April 27, 2016

**TO:** Borrego Water District Board of Directors

**FROM:** Jerry Rolwing, General Manager and David Dale, Dynamic Consulting Engineers, Inc.

**Re:** Borrego Water District, 5-10 Year Capital Improvement Program (CIP) Justification

This memorandum is to provide detailed information and justification for the proposed CIP for the next ten years. Through a regular maintenance schedule, the infrastructure of the Borrego Water District is in overall good condition. The District is proactive in planning for replacement of known short lived assets and necessary capital improvement projects to increase the useful life and reliability of the system, and reduce the District's risk and overall maintenance costs. This is done through the dedication and experience of the system operators and staff. The District's consulting engineer participated in the preparation of this CIP and Short Lived Assets replacement program.

A CIP will provide many benefits to the District. The CIP will:

- Allow for a systematic evaluation of all potential projects at the same time.
- Provide the ability to stabilize debt and consolidate projects to reduce borrowing costs.
- Serve as a public relations and economic development tool.
- Preserve the District's infrastructure while ensuring the efficient use of public funds.
- Be a tool used for applications for Federal and State grant and loan programs.

Projects included in the CIP were prioritized based on many years of experience and firsthand knowledge of the system and its deficiencies. The anticipated costs for each project were developed based on trends in the market and historical costs to the District. Normal operating expenses (such as office equipment and minor repairs) are not included in the short lived assets program. The CIP includes projects with a value of \$5,000.00 or more.

Justification for the expected expenses in the CIP and Short Lived Assets are as follows:

## **Short Lived Assets**

### **Wells**

This data was compiled from historical repairs to the pumps over a 10 year period. The trends for repairs and replacements of motors and well casing have also been reviewed over the period. The wells are the essential component of the water production operation. When a well fails, the entire distribution system is disrupted. The goal is to properly maintain the equipment on a proactive basis and work for timely, cost effective repairs before failure. Based on historical trends, the numbers provided in the Short Lived Assets are realistic. Staff strives to keep the equipment adequately maintained; however some unexpected failures will undoubtedly arise.

## **Tanks**

The California Department of Health Services requires the District to physically inspect the inside of the domestic water reservoirs every three years. This service is performed by a consultant that utilizes divers and provides a written report as well as a video. There is one steel reservoir that is equipped with cathodic protection that was resurfaced last year. One of our five bolted steel (galvanized) tanks will need inside coating in this year. We have applied for Proposition 1 grant funding to recoat the three galvanized tanks in Improvement District #4, but in case the grant request is unsuccessful, we included the coating for one tank in this year's budget. As internal inspections warrant, tanks will be coated in future years. The bladder in the 800 Reservoir has failed and steps are presently underway to construct a new tank in its place. This has also been added to the budget. The remaining reservoirs were constructed with galvanized metal which historically has proven to be compatible with the constituents in our local groundwater. We will be investigating methods of rehabilitation for these tanks over the next year.

## **Booster Stations**

This data was compiled from historical repairs and anticipated replacement costs.

## **Wastewater Plant**

The costs associated with the wastewater operations are based on historical records and anticipated repairs by the wastewater treatment plant operator and District engineering consultants. In order to maintain infrastructure integrity, a ten year program is included to re-build the concrete facilities that are showing sign of deterioration from the harsh desert climate over the past 25 years. We have also included a project to video the sewer collection mains in years three and five. Proposition 1 grant applications have also been submitted to rebuild the deteriorating concrete at the plant, video inspect the sewer mains at Club Circle and perform a feasibility for plant conversion to from secondary to tertiary treatment.

## **Equipment**

These costs are based on normal wear and tear on District vehicles and equipment. Other considerations include State engine emissions requirements as they become more stringent.

## **Capital Improvement Program (CIP)**

### **Capital Improvement Projects include Wells, Booster Stations, Reservoirs and Associated Transmission Mains**

These are expected major capital improvement items that are anticipated to be required in the next ten year period. These costs do not account for unanticipated population growth or decline.

### **Wastewater Plant**

These costs are associated with the upgrading of existing infrastructure while following the provisions of the Regional Water Quality Control Board Order.

### **Pressure Reducing Stations**

These are estimated expenditures based on past and future studies regarding the distribution system.

### **Pipelines**

The distribution system requires continual upgrades to avoid pipeline breaks and associated damages from negligence. The list of future projects was compiled with staff and engineering assistance and represents the anticipated pipeline improvements to alleviate any future problems with high pressures currently experienced within the distribution system.

### **Other Infrastructure**

Over time, fire hydrants fail and require replacement. Some of the older hydrants in the system are constructed with inferior material as compared to today's standards and a regular replacement program is needed.

### **Groundwater Management**

In September 2014, the State enacted the Sustainable Groundwater Management Act (SGMA). This requires all groundwater basins that are deemed "medium or high" level of overdraft to create a Groundwater Sustainability Plan (GSP) by January 2020. The GSP must bring the groundwater basin into balance (natural recharge equals extractions) in 20 years from Plan adoption. The Borrego Water District is working on the planning process and developing costs associated with creating the GSP. It is the intention of the District to spread these costs over all groundwater pumpers in the valley, with ratepayers responsible for their share.

**BORREGO WATER DISTRICT**  
*POLICY STATEMENT*

**SUBJECT: CASH RESERVES POLICY**

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**NO: 2011-05-01**

**ADOPTED: 2011-05-25**

**AMENDED: 2015-05-27**

**AMENDED: 2016-05-01**

**I. BACKGROUND AND INTRODUCTION**

Reserves are needed because of risk. Water and sewer operations are inherently risky, given the potential liability associated with repairing and replacing infrastructure necessary for maintaining 24x7 operations for supplying potable water and sewer and wastewater treatment services to the homes and businesses of Borrego. In addition, water operations have risk associated with the volatility of revenue due to weather conditions. Reserves also assist in reducing rate shocks. Without them a water utility is exposed to rate instability. Rate instability increases the cost of borrowing. ~~Reserves allow the District to smooth out rate increases.~~ In addition, reserves help the District improve its credit rating, which translates into lower interest rates on debt and thus lower rates for the District's customers. Sometimes bond or loan covenants require a debt reserve or recommend a rate stabilization reserve.

Many utilities operate in a state of revenue deficiency, which means they either rely on existing reserves, skimp on funding reserves, or defer economically prudent repair and replacement of capital infrastructure to the distant future where much higher costs will be borne by ratepayers to repair or replace infrastructure that has failed catastrophically. Becoming revenue sufficient means that a utility can count on receiving adequate revenues to fully fund utility operations, including debt service obligations, and some portion of capital improvements from rate revenues and reserves. Reserve accounts are a vital part of a every water and sewer and wastewater treatment system's financial health.

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This Board believes that operating with a revenue sufficiency is required, not only to remain creditworthy for future capital borrowing, but also to replace depleted reserves necessary to operate most economically. For these reasons, the District will maintain reserve funds so as to provide working capital for operations; funds required by law, ordinance and bond covenants; and necessary cash for the scheduled and unscheduled repair and replacement of capital infrastructure; as well as funds set aside for groundwater management purposes.

Reserves are also necessary for the District to stabilize rates due to normal revenue and cost uncertainties, and to provide a prudent amount of insurance against economic downturns and emergencies. The efficient and discrete management of these cash reserves, when combined with their appropriate replacement as they are drawn down from time-to-time add additional assurance that the current levels of service reliability and quality that the District's ratepayers have grown to expect will continue into the future.

This reserve policy is based upon prudent financial management practices and those amounts required by legal, legislative, and contractual obligations that are critical to the financial health of the District. This policy defines

required fund types for segregation purposes and their funding levels that are based upon this District's unique operating, capital investment and financial plans. Both restricted reserves and Board discretionary reserves for the water enterprise and the sewer and wastewater enterprise will be funded by rates specific to those enterprises so as to meet California Proposition 218 requirements. That is, reserves specific to the needs of the District's water enterprise will be accumulated from water rates. Reserves specific to the needs of the District's sewer and wastewater enterprise will be funded from sewer and wastewater treatment rates.

**II. RESTRICTED RESERVES.** Restricted Reserves are established and utilized for narrowly defined purposes and are protected by law or covenant. The District's Restricted Reserves for its water and sewer and wastewater treatment enterprises are the following:

**Debt Reserves.** Reserves equal to the annual principle and interest (P&I) for debt obligations of the District shall be formally transferred and restricted in accordance with all legal requirements.

**System Growth Reserves.** These reserves generated from development charges for new meters as specified by the District's New Development policy (as amended) in effect are used to offset capital projects or debt service related to new development in the District so that new development pays for itself rather than requiring a subsidy from existing ratepayers.

**III. BOARD DISCRETIONARY RESERVES**

**Operating or Working Capital Reserves.** ~~The purpose of this reserve is to cover temporary cash flow deficiencies caused by timing differences between revenues and expenditures. The purpose of an operating reserve is to have liquid cash on hand for the continued day-to-day operations of the utility. The Operating Reserve may be used for cash flow purposes to fund necessary expenses without the need to wait for billed revenue to come in as well as any unexpected increases in operating expenses. The amount of the Operating Reserve is commonly pegged to a certain percentage of the utility's total operating expenses. The set percentage is usually dictated by the utility's bill frequency; if customers are billed on a monthly basis, then revenue continuously comes in and the need to have a significant amount of funds within the Operating Reserve is not necessary. Based on industry standards, The Operating Reserve, in the case of monthly billing, should equal around 90 days of expenses (3 months). As the bill frequency is less frequent, the Operating Minimum Reserve should be increased to account for the time delay of receiving cash on hand. The operating or working capital reserve shall be a minimum reserve of no less than 90 days of O&M, with an ideal operating reserve target of 120-days of O&M. O&M reserves shall be targeted at an amount equal to four (4) months of the District's budgeted annual operating expenses beginning in FY 2015.~~

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**Rate Stabilization Reserves.** These reserves are used to stabilize water and sewer and wastewater treatment rates to the extent possible. This reserve, when fully funded, shall be maintained at level of thirty (30%) percent of the revenue generated from the commodity rate for water services and thirty (30%) percent of the total revenues from sewer services. This reserve is to defray any temporary unforeseen and extraordinary increases in



the operating costs of the District.

**Contingency Reserves.** The purpose of this reserve is to accommodate unexpected operational changes, legislative impacts or other economic events that may affect the District's enterprise operations, which could not have been reasonably anticipated at the time the budget was prepared. For FY 2012 and beyond, the target level for this reserve is a minimum of one percent (1%) and a maximum of ten percent (10%) of the District's total operating expenses. Generally, the level will be increased as the level of economic uncertainty increases.

~~**Capital Repair and Replacement Reserve (Capital Reserve) Asset Replacement Reserves.** A Capital Repair and Replacement Reserve is used primarily to meet and ensure the timely construction of necessary capital improvements without any delays due to cash flow concerns. Capital expenses can fluctuate quite a bit from year-to-year and the Capital Reserve may be leveraged to smooth out significant changes in expenses and, thereby, avoiding any unduly rate shock to District customers. It may also serve as collateral and reinsurance when awarding a construction contract. A sound target for a the Capital Reserve is to have an average years' worth of capital expenses based on the District's adopted Capital Improvement Plan (CIP). At a minimum, the Capital Reserve should be funded to at least an amount equivalent to the total annual depreciation value of the system and these funds can be used as a reasonable reinvestment amount into the system. The Capital Reserve target is a reserve equal to the inflated value of a rolling average of the subsequent 5 years of the District's Capital Improvements Plan. The purpose of the asset replacement reserve is to provide a cushion for unscheduled and scheduled repair and replacement of existing infrastructure. The target value of this reserve is twenty-five percent (25%) percent of the three (3) year average of the capital improvement program (CIP) beginning in FY 2012.~~

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**Emergency Reserves.** The purpose of the emergency reserve is to protect the District and its customers against the impacts from unanticipated emergencies that would severely impact the District's ability to deliver the water and/or sewer and wastewater treatment services to its customers. This reserve provides funding for emergency repairs or failure of essential equipment that must be immediately replaced and unanticipated by the Capital Improvements Plan (CIP). The emergency reserve target established for FY 2015 is \$2,000,000 that should be sufficient to finance the required cash flow until such time that adequate emergency financing can be secured from conventional outside resources.

**IV. OTHER RESERVE FUNDS.** The District's Board may establish other cash reserve funds for specific needs that are over and above the reserves noted above as may be necessary from time to time.



CONTRIBUTED FUNDS AGREEMENT  
BETWEEN  
BORREGO WATER DISTRICT  
AND  
THE BUREAU OF RECLAMATION, DEPARTMENT OF THE INTERIOR  
in support of the  
  
SOUTHEAST CALIFORNIA REGIONAL BASIN

- I. This Contributed Funds Agreement (CFA) for work within the Southeast California Regional Basin Study (Study) is entered into by the Borrego Water District (hereinafter referred to as Partner), and the United States Department of the Interior, Bureau of Reclamation (hereinafter referred to as Reclamation).
- II. Background and Purpose. In April 2011, Reclamation entered into a Memorandum of Agreement (MOA) with the Partner to prepare a Basin Study. Reclamation continues to work on southeastern water management efforts. The purpose of the CFA is to provide funding for these actions through December 31, 2017.
- III. Authority. Reclamation's authority for the acceptance of non-federal funds identified in this Agreement is through:
  1. The Sundry Civil Expenses Appropriations Act for 1922, 41 Stat. 1367, 1404 (43 U.S.C. §395), popularly referred to as the Contributed Funds Act, which provides that: "All moneys [received after March 4, 1921] from any State, municipality, corporation, association, firm, district, or individual for investigations, surveys, construction work, or any other development work incident thereto, involving operations similar to those provided for the reclamation law shall be covered into the reclamation fund and shall be available for expenditure for the purposes for which contributed in like manner as if said sums had been specifically appropriated for said purposes."
- IV. Scope. The funds provided by the Partner under this CFA will be utilized by Reclamation to perform work associated with the Southeast California water management efforts.
- V. Responsibilities. The Partner has provided Reclamation with funds in the amount identified in section VI, to perform the work identified in section IV. These funds have been electronically transferred to Reclamation and deposited within a special account. Upon request, Reclamation will provide the Partner with a statement accounting for expenditures associated with this CFA.

- VI. Funding.** The estimated total cost for the work to be performed under this CFA is \$12,000. This amount may be increased by modification as identified in section IX.
- VII. Advancement of Funds.** In accordance with Anti-Deficiency Act (31 U.S.C. 1341 et seq.), funds must be provided to Reclamation in advance of activities performed by Reclamation personnel. The Partner shall advance to Reclamation funds identified in section VI.
- VIII. Period of Performance.** This CFA shall remain in full force and effect for a period commencing from the date executed by the Partner and Reclamation as identified in section XII, and extending to, but not exceeding December 31 2017. This date may be extended by modification as identified in section IX.
- IX. Modification and Termination.** This CFA may be modified or terminated, in writing, by mutual agreement of the Partner and Reclamation.
- X. Unused Funds.** In the event that any funds advanced to Reclamation by the Partner are not required to complete the work identified in section IV, such excess funds shall be returned by Reclamation to the District without interest, within 90 days of: completion of the work defined in section IV; expiration of this CFA as identified in section VIII; or, termination of this CFA as identified in section IX.
- XI. Contacts.**

Mr. William Steele  
Area Manager  
Bureau of Reclamation  
Southern California Area Office  
27708 Jefferson Avenue, Suite 202  
Temecula, CA 92590  
(951) 695-5310

Mr. Jerry Rolwing  
General Manager  
Borrego Water District  
806 Palm Canyon Drive  
Borrego Springs, CA 92004

**XII. Signature Parties.**

IN WITNESS WHEREOF, the Parties have executed this CFA on the date and the year written below.

UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF RECLAMATION  
LC REGION

By: \_\_\_\_\_  
William J. Steele  
Area Manager

Date: \_\_\_\_\_

BORREGO WATER DISTRICT

By: \_\_\_\_\_  
Jerry Rolwing  
General Manager

Date: \_\_\_\_\_

**BORREGO WATER DISTRICT**

**ASSIGNMENT**

BORREGO CENTER PROPERTIES, LLC, a California limited liability company ("Holder") hereby assigns and transfers to JAMES L. WERMERS AND ANNE C. RIEDMAN, as individuals ("Assignee") all of Holder's rights under the Agreement Respecting in the Town Center Sewer and Deed, dated as of July 13, 1988, with the BORREGO WATER DISTRICT ("District"), as amended by Amendment No. 1 to the Agreement Respecting the Town Center Sewer and Deed effective as of April 26, 2006 (the "Agreement"), with respect to the following number of EDUs: fifteen (15).

Assignee hereby promises to perform all Holders' duties under said Agreement with respect to said EDUs.

Nothing in this Assignment shall modify the rights or obligations of Holder or District under such Agreement with respect to any of Holder's EDUs which are not being assigned to Assignee.

This Assignment shall become effective on the approval of the Board of Directors of the BORREGO WATER DISTRICT.

[SIGNATURES ON NEXT PAGE.]

Dated: 3/11/16

**Holder/Assignor:**

**BORREGO CENTER PROPERTIES, LLC,**  
a California limited liability company

By: Kendel Q. Duford  
Kendel Qvale Duford

Its: Member

Dated: \_\_\_\_\_

**Purchaser/Assignee:**

**JAMES L. WERMERS, as an individual**

\_\_\_\_\_  
James L. Wermers

Dated: \_\_\_\_\_

**ANNE C. RIEDMAN, as an individual**

\_\_\_\_\_  
Anne C. Riedman

**Acknowledgements attached hereto and made a part hereof.**

**ACKNOWLEDGMENT**

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

STATE OF CALIFORNIA )  
 )  
 ) ss.  
COUNTY OF SAN FRANCISCO )

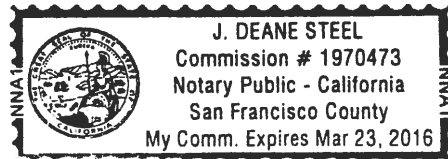
On 3/11/16 before me, J. DEANE STEEL, Notary Public, personally appeared KENDEL QVALE DUFOUR, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

J. Deane Steel  
Notary Public

(Seal)





Dated: \_\_\_\_\_

Holder/Assignor:

**BORREGO CENTER PROPERTIES, LLC,**  
a California limited liability company

By: \_\_\_\_\_  
Kendel Qvale Duford

Its: \_\_\_\_\_

Dated: MARCH 16 2016

Purchaser/Assignee:

**JAMES L. WERMERS**, as an individual

  
James L. Wermers

Dated: 3/16/2016

**ANNE C. RIEDMAN**, as an individual

  
Anne C. Riedman

**Acknowledgements attached hereto and made a part hereof.**

**ACKNOWLEDGMENT**

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

STATE OF CALIFORNIA )  
 )  
COUNTY OF San Diego ) ss.

On March 11, 2016 before me, JJ Gallardo, Notary Public, personally appeared James L. Wermers + Anne L. Friedman, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s) or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

JJ Gallardo  
Notary Public (Seal)



**ACKNOWLEDGMENT**

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

STATE OF CALIFORNIA )  
 )  
COUNTY OF San Diego ) ss.

On March 11, 2016 before me, JJ Gallardo, Notary Public, personally appeared James L. Wenmers - Anne C. Riedman, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

JJ Gallardo (Seal)  
Notary Public



Contract / Project	January	February	March	April	May
<b>PAYMENTS</b>					
1 T2 Borrego	1/1/15: Pay spare cost in advance			Raftelis spare capacity cost analysis	5/1/15 Notice of 2015/2016 spare capacity due.
2 P & I Payment for ID4 COP's			1st half of payments due		
3 Compass Bank		2016 - payment due March 1st.			2016 - payment due June 1st.
<b>CONTRACTS</b>					
4 American Red Cross-can cancel any time					
5 Club Circle (Cameron)		option to renew lease by 2/28/2017			
6 Green Desert Landscape		discuss w/ Bob the option of continuing with contract 2/28/2017			
7 Xerox					
8 Secap - postage machine				4/1/2017 send letter of cancellation if desired	
9 San Diego Mailing Solutions (Annual maintenance - postage and stuffer machine)					
10 Ramona Disposal - Club Circle					
11 Ramona Disposal - BWD Dumpsters					
12 <b>REPORTS</b>					
13 CASGEM				Submit CASGEM water level data	
14 CCR					
15 Cameron Bros. Water Usage Report (golf course) to county					
16 Santago Estate					
17 Annual EAR Report (CDHS)			Due 3/31 for previous year		
18 Check fallow property for water usage					
19 <b>ADMINISTRATIVE</b>					
20 Audit					
21 Budget			Pump check	CIP meeting, draft budget document	Final Budget document / FY Rate Resolution
22 Business Plan	Raftelis begins rate analysis	February 2016 -Update Development Fees (water credits & infrastructure buy-in costs for new connections)	Prop 218 rate for FY 2017 - Fy 2021 public hearing		FY Budget and new rates approved
23 Utility Rate Study Schedule	Preliminary Rates Disseminated by 1/29/2016	..Rates Finalized 2/19/2016 ...Initial Draft Report Disseminated 2/24/2016 ... Prop 218 Notice Mailed 2/26/2016	Receive edits and finalize report	Public Hearing 4/27/2016	
24 Groundwater Sustainability Plan (GSP)	District Meeting Jan. 20 to discuss policy recommendations, DRAFT MOU between County & District. Submit boundary adjustment to DWR	District Meeting February 17th to discuss policy recommendations, Draft MOU of County and District with Coalition; proposal for mechanism(s) to pay for GSP development		District Meeting March 17th to discuss policy recommendations, Draft MOU between County and District; DRAFT MOU of County and District with Coalition; proposal for mechanism(s) to pay for GSP development	
25 Investment Policy					
26 Special Assessments / tax bill resolutions-Taussig					
27 Town Hall Meeting			March 2017'		
28 Water Credit Policy			2015- Check if pricing needs to be adjusted (moved to due diligence)		
29 Storage/blending infrastructure project					
30					

	June	July	August	September	October	November	December
1	6/15/15: commitment of annual spare capacity due from T2 6/30/15: T2 to fallow 200 acre feet 6/30/15: T2 to pay BWD \$110 per a/f over 800.	7/1/17: establish water budget					12/31/14: T2 to purchase land to fallow 12/31/18 lease expires Send invoice for Spare Capacity
2				2nd half of payments due			
3		1st payment due September 1st			Payment due December 1st.		
4							
5							
6	Lease expires 6/30/2017						
7	Agreement expires 6/30/2017	Cost of Water Adjustment each July 1st. With Cameron					
8		Lease contract expires 7/2020					
9		lease expires 7/2017					
10			Annual maintenance contract expires 10/6/16				
11			contact RDS re: contract renewal				rate valid until 12/2016
12			contact RDS re: contract renewal				rate valid until 12/2016
13							
14						Submit CASGEM water level data	
15					10/1/15 Mail CCR Certification form		
16					Send to County DPLU by 10/31		
17	Occupancy report due						
18							
19				Annual fallow property check			
20							
21			Begin audit	Review of draft audit report			
22							
23		New rates go into effect		March 2015-Identify & Implement Mechansim to pay for GSP costs. March 2016- Update rate structure & water, sewer & WWT rates			
24							
25				DRAFT MOU of County and District with Coalition; proposal for mechanism(s) to pay for GSP development			Agree on GSP funding mechanism; start GSP development
26	Investment polices restated						
27	Special Assessments resolutions due						
28							
29							
30							

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# ITEM III A

# FINANCIALS

	C	D	BS	BT	BU	BV	BW	BX	BY	BZ
1	<b>BWD</b>		<b>5/27/2015</b>				<b>CASH FLOW</b>			
2	<b>CASH FLOW</b>		<b>ADOPTED</b>	<b>ACTUAL</b>	<b>PROJECTED</b>	<b>ACTUAL</b>	<b>YTD + PROJ MONTHS</b>	<b>PROJECTED</b>	<b>PROJECTED</b>	<b>PROJECTED</b>
3	<b>2015-2016</b>		<b>BUDGET</b>	<b>MARCH</b>	<b>MARCH</b>	<b>YTD</b>	<b>PROJECTED</b>	<b>APRIL</b>	<b>MAY</b>	<b>JUNE</b>
4	<b>2015-2016</b>		<b>2015-2016</b>	<b>2016</b>	<b>2016</b>	<b>2015-2016</b>	<b>2015-2016</b>	<b>2016</b>	<b>2016</b>	<b>2016</b>
5	<b>REVENUE</b>									
6	<b>WATER REVENUE</b>									
7	Residential Water Sales		932,150	56,873	56,555	634,292	884,178	84,844	67,841	97,201
8	Commercial Water Sales		128,750	9,316	10,208	90,491	123,812	12,902	10,324	10,096
9	Irrigation Water Sales		143,170	7,597	7,425	96,725	135,553	12,736	11,672	14,420
10	GWM Surcharge		117,420	7,345	7,366	79,624	112,276	10,876	10,888	10,888
11	Water Sales Power Portion		373,890	23,764	23,874	257,745	356,199	33,590	31,743	33,122
12	Drought Penalty-1%		(9,045)	(1,049)		(11,589)	0			
13	Drought Rates-5.5%		(40,781)	(5,769)	(5,592)	(16,587)	(24,304)	(8,315)	(7,079)	(8,910)
14	<b>TOTAL WATER COMMODITY REVENUE:</b>		<b>1,645,554</b>	<b>104,895</b>	<b>105,428</b>	<b>1,130,701</b>	<b>1,559,539</b>	<b>146,632</b>	<b>125,389</b>	<b>156,817</b>
15										
16										
17	Readiness Water Charge		1,335,180	112,774	112,880	990,629	1,329,269	112,880	112,880	112,880
19	RH Golf Course surplus capacity lease		0	0	0	9,630	9,630	0	0	0
20	Meter Installation		0	0	0	6,876	6,876	0	0	0
22	Reconnect Fees		1,700	930	340	2,630	2,970	0	340	0
23	Backflow Testing/Installation		6,500	0	0	5,600	5,600	0	0	0
24	Bulk Water Sales		0	8	0	257	257	0	0	0
25	Penalty & Interest Water Collection		9,600	1,578	800	10,915	13,315	800	800	800
26	<b>TOTAL WATER REVENUE:</b>		<b>2,998,534</b>	<b>220,185</b>	<b>219,448</b>	<b>2,140,474</b>	<b>2,910,693</b>	<b>260,312</b>	<b>239,409</b>	<b>270,497</b>
27										
28	<b>PROPERTY ASSESSMENTS/AVAILABILITY CHARGES</b>		<b>Receivables</b>							
29	641500 1% Property Assessments		25,232	2,156	2,156	39,594	55,931	15,638	500	200
30	641502 Property Assess wtr/swr/ffd		47,958	990	990	58,891	61,247	1,056	1,000	300
32	641501 Water avail Standby		37,646	3,427	3,427	62,327	82,286	2,682	15,277	2,000
34	641504 ID 3 Water Standby (La Casa)		15,298	440	440	19,860	32,878	396	12,132	490
35	641503 Pest standby		8,292	443	443	11,241	14,721	360	2,597	523
36	<b>TOTAL PROPERTY ASSES/AVAIL CHARGES:</b>		<b>134,427</b>	<b>259,000</b>	<b>7,456</b>	<b>7,456</b>	<b>191,913</b>	<b>247,064</b>	<b>20,132</b>	<b>31,506</b>
37										
38	<b>SEWER SERVICE CHARGES</b>									
39	Town Center Sewer Holder fees		171,240	14,565	14,270	129,537	172,347	14,270	14,270	14,270
40	Town Center Sewer User Fees		39,960	3,330	3,330	30,286	40,276	3,330	3,330	3,330
41	Sewer user Fees		333,900	28,047	27,825	248,889	332,364	27,825	27,825	27,825
45	<b>TOTAL SEWER SERVICE CHARGES:</b>		<b>545,100</b>	<b>45,942</b>	<b>45,425</b>	<b>409,081</b>	<b>545,356</b>	<b>45,425</b>	<b>45,425</b>	<b>45,425</b>
46										
47	<b>OTHER INCOME</b>									
51	Miscellaneous Income (net csd fee/JPIA rebate/check free)			271	0	1,637	1,637	0	0	0
52	Water Credits income			0	0	1,000	1,000	0	0	0
56	Interest Income		80	0	2	24	58	16	2	16
57	<b>TOTAL OTHER INCOME:</b>		<b>80</b>	<b>271</b>	<b>2</b>	<b>2,661</b>	<b>2,695</b>	<b>16</b>	<b>2</b>	<b>16</b>
58										
59	<b>TOTAL INCOME:</b>		<b>3,802,713</b>	<b>273,855</b>	<b>272,331</b>	<b>2,789,069</b>	<b>3,750,747</b>	<b>325,885</b>	<b>316,342</b>	<b>319,451</b>
60										
61	<b>CASH BASIS ADJUSTMENTS</b>									
62	Decrease (Increase) in Accounts Receivable			2,116	0	13,375	13,375	0	0	0
64	Construction Meter deposit					1,700				
65	Other Cash Basis Adjustments-Tier 2 refund			(1,195)	0	(49,794)	(49,794)	0	0	0
66	<b>TOTAL CASH BASIS ADJUSTMENTS:</b>			<b>920</b>	<b>0</b>	<b>(34,719)</b>	<b>(34,719)</b>	<b>0</b>	<b>0</b>	<b>0</b>
67										
68	<b>TOTAL INCOME RECEIVED:</b>		<b>3,802,713</b>	<b>274,774</b>	<b>272,331</b>	<b>2,754,350</b>	<b>3,716,028</b>	<b>325,885</b>	<b>316,342</b>	<b>319,451</b>



	C	D	BS	BT	BU	BV	BW	BX	BY	BZ
1	<b>BWD</b>		5/27/2015				<b>CASH FLOW</b>			
2	<b>CASH FLOW</b>		<b>ADOPTED</b>	<b>ACTUAL</b>	<b>PROJECTED</b>	<b>ACTUAL</b>	<b>YTD + PROJ MONTHS</b>	<b>PROJECTED</b>	<b>PROJECTED</b>	<b>PROJECTED</b>
3	<b>2015-2016</b>		<b>BUDGET</b>	<b>MARCH</b>	<b>MARCH</b>	<b>YTD</b>	<b>PROJECTED</b>	<b>APRIL</b>	<b>MAY</b>	<b>JUNE</b>
4			<b>2015-2016</b>	<b>2016</b>	<b>2016</b>	<b>2015-2016</b>	<b>2015-2016</b>	<b>2016</b>	<b>2016</b>	<b>2016</b>
69	<b>EXPENSES</b>									
70										
71	<b>MAINTENANCE EXPENSE</b>									
72	R & M Buildings & Equipment		185,000	11,224	10,000	89,632	149,632	10,000	40,000	10,000
73	R & M - WWTP		132,000	3,073	6,000	36,586	96,586	20,000	20,000	20,000
74	Telemetry		10,000	2,723	800	10,806	12,406	800	800	0
75	Trash Removal		4,000	287	350	2,643	3,693	350	350	350
76	Vehicle Expense		18,000	238	1,500	17,328	18,828	500	500	500
77	Fuel & Oil		25,000	1,469	2,000	16,728	22,728	2,000	2,000	2,000
78	<b>TOTAL MAINTENANCE EXPENSE:</b>		<b>374,000</b>	<b>19,014</b>	<b>20,650</b>	<b>173,723</b>	<b>303,873</b>	<b>33,650</b>	<b>63,650</b>	<b>32,850</b>
79										
80	<b>PROFESSIONAL SERVICES EXPENSE</b>									
81	Tax Accounting (Tausig)		3,000	0	0	1,055	2,555	0	0	1,500
82	Administrative Services (ADP/Bank Fees)		6,000	185	500	3,384	4,134	250	250	250
83	Audit Fees		14,439	0	0	14,439	14,439	0	0	0
84	Computer billing		9,900	523	825	4,283	6,758	825	825	825
85	Consulting/Technical/Contract Labor		1,200	0	100	50	350	100	100	100
86	Engineering		35,000	3,863	3,000	28,161	37,161	3,000	3,000	3,000
87	District Legal Services		30,000	1,601	2,500	7,673	15,173	2,500	2,500	2,500
88	Testing/lab work		12,000	3,200	1,000	11,121	14,121	1,000	1,000	1,000
89	Regulatory Permit Fees		33,000	8,413	4,722	38,756	44,301	422	3,000	2,123
90	<b>TOTAL PROFESSIONAL SERVICES EXPENSE:</b>		<b>144,539</b>	<b>17,783</b>	<b>12,647</b>	<b>108,922</b>	<b>138,992</b>	<b>8,097</b>	<b>10,675</b>	<b>11,298</b>
91										
92	<b>INSURANCE/DEBT EXPENSE</b>									
93	ACWA Insurance		59,000	31,978	35,000	56,648	56,648	0	0	0
94	Workers Comp		16,000	4,095	4,000	12,398	16,398	0	0	4,000
95	COP 2008 Installment		254,525	55,688	55,688	254,525	254,525	0	0	0
96	Viking Ranch Debt Payment		143,312	0		107,550	143,422		35,872	
97	<b>TOTAL INSURANCE/DEBT EXPENSE:</b>		<b>472,837</b>	<b>91,761</b>	<b>94,688</b>	<b>431,121</b>	<b>470,993</b>	<b>0</b>	<b>35,872</b>	<b>4,000</b>
98										
99	<b>PERSONNEL EXPENSE</b>									
100	Board Meeting Expense (board stipend/board secretary)		16,500	1,341	1,500	10,406	14,906	1,500	1,500	1,500
101	Salaries & Wages (gross)		761,000	64,917	64,650	576,124	764,174	61,750	63,150	63,150
102	Taxes on Payroll		20,000	1,256	1,078	17,247	22,658	1,612	2,200	1,600
103	Medical Insurance Benefits		185,000	17,868	17,200	170,157	204,557	17,200	17,200	0
104	Calpers Retirement Benefits		169,200	7,635	8,270	133,937	158,747	8,270	8,270	8,270
105	Salaries & Wages contra account		(14,520)	(9,448)	(1,320)	(22,624)	(31,624)	(3,000)	(3,000)	(3,000)
106	Conference/Conventions/Training/Seminars		7,000	571	500	7,054	7,380	100	100	125
107	<b>TOTAL PERSONNEL EXPENSE:</b>		<b>1,144,180</b>	<b>84,140</b>	<b>91,878</b>	<b>892,301</b>	<b>1,140,798</b>	<b>87,432</b>	<b>89,420</b>	<b>71,646</b>
108										
109	<b>OFFICE EXPENSE</b>									
110	Office Supplies		18,000	1,890	1,500	13,141	17,641	1,500	1,500	1,500
111	Office Equipment/ Rental/Maintenance Agreements		25,000	3,564	2,000	22,577	25,577	1,000	1,000	1,000
112	Postage & Freight		13,000	2,057	75	10,187	16,387	2,100	2,000	2,100
113	Taxes on Property		2,500	0	0	2,388	2,388	0	0	0
114	Telephone/Answering Service		8,400	742	700	6,172	8,422	750	750	750
115	Dues & Subscriptions		3,600	0	200	369	2,824	2,360	50	45
116	Printing, Publications & Notices		1,000	352	116	1,382	1,482	0	0	100
117	Uniforms		5,400	514	450	3,986	5,336	450	450	450
118	OSHA Requirements/Emergency preparedness		4,000	590	250	2,239	3,139	300	300	300
119	<b>TOTAL OFFICE EXPENSE:</b>		<b>80,900</b>	<b>9,709</b>	<b>5,291</b>	<b>62,441</b>	<b>83,196</b>	<b>8,460</b>	<b>6,050</b>	<b>6,245</b>
120										
121	<b>UTILITIES EXPENSE</b>									
122	Pumping-Electricity		430,000	23,793	25,633	252,081	347,081	30,000	32,000	33,000
123	Office/Shop Utilities		19,000	1,487	1,286	19,223	22,913	1,079	1,100	1,511
124	Cellular Phone		7,500	114	625	6,183	8,058	625	625	625
125	<b>TOTAL UTILITIES EXPENSE:</b>		<b>456,500</b>	<b>25,395</b>	<b>27,544</b>	<b>277,488</b>	<b>378,052</b>	<b>31,704</b>	<b>33,725</b>	<b>35,136</b>
126										
127	<b>TOTAL EXPENSES:</b>		<b>2,672,956</b>	<b>247,801</b>	<b>252,697</b>	<b>1,945,995</b>	<b>2,515,904</b>	<b>169,342</b>	<b>239,392</b>	<b>161,175</b>
128										
129	<b>CASH BASIS ADJUSTMENTS</b>									
130	Decrease (Increase) in Accounts Payable			21,236	0	89,771	89,771	0	0	0
131	Increase (Decrease) in Inventory			(4,957)	0	18,866	18,866	0	0	0
132	Other Cash Basis Adjustments-Loss on water credit sold				0	-	0	0	0	0
133	<b>TOTAL CASH BASIS ADJUSTMENTS:</b>			<b>16,279</b>	<b>0</b>	<b>108,637</b>	<b>108,637</b>	<b>0</b>	<b>0</b>	<b>0</b>
134										
135	<b>TOTAL EXPENSES PAID:</b>		<b>2,672,956</b>	<b>264,080</b>	<b>252,697</b>	<b>2,054,633</b>	<b>2,624,542</b>	<b>169,342</b>	<b>239,392</b>	<b>161,175</b>
136										
137	<b>NET CASH FLOW (O&amp;M)</b>		<b>1,129,758</b>	<b>10,694</b>	<b>14,042</b>	<b>699,717</b>	<b>1,091,486</b>	<b>156,543</b>	<b>76,950</b>	<b>158,276</b>

	C	D	BS	BT	BU	BV	BW	BX	BY	BZ
1	<b>BWD</b>		5/27/2015				<b>CASH FLOW</b>			
2	<b>CASH FLOW</b>		<b>ADOPTED</b>	<b>ACTUAL</b>	<b>PROJECTED</b>	<b>ACTUAL</b>	<b>YTD + PROJ MONTHS</b>	<b>PROJECTED</b>	<b>PROJECTED</b>	<b>PROJECTED</b>
3	<b>2015-2016</b>		<b>BUDGET</b>	<b>MARCH</b>	<b>MARCH</b>	<b>YTD</b>	<b>PROJECTED</b>	<b>APRIL</b>	<b>MAY</b>	<b>JUNE</b>
4			<b>2015-2016</b>	<b>2016</b>	<b>2016</b>	<b>2015-2016</b>	<b>2015-2016</b>	<b>2016</b>	<b>2016</b>	<b>2016</b>
138	<b>NON O &amp; M EXPENSES</b>									
139	<b>Water</b>									
140	Twin Tanks, 1970's-inside coating		125,000			-	125,000	0		125,000
141	Pickup \$35,000/Big Truck \$50,000		30,000			28,784	28,784			
142	Backhoe		150,000			-	150,000			150,000
143	ID 5-5, 200 HP		10,000			-	10,000			10,000
144	Pipeline replacements		55,590	10,363	20,590	17,500	47,500	10,000	10,000	10,000
146	Pump and Cleaning Well ID4-4-Wells		70,000		35,000	-	35,000		35,000	
147	Booster Station 1 Rehab		8,000			14,054	14,054			
149	Air Quality Compliance-Wells		37,000			-	37,000	37,000		
152	Environmental review for Wilcox Well									
154	<b>Sewer</b>									
156	WWTP-Back up Generator/Portable engine driven trash pump		92,000	47,954	17,000	47,954	47,954			
158	WWTP-Rehab grit chamber		6,000			-	6,000	6,000		
160	WWTP-Rehab Clarifier/pump/bearings		66,500	10,429	6,500	17,139	32,139			15,000
162	WWTP-Solar Project		205,088			202,762	202,762			
175	<b>GWM</b>									
177	GWM -legal/Misc.-prop 1 grant/USGS		60,000	3,013	5,000	55,235	70,235	5,000	5,000	5,000
178	District portion of GSP		80,000	32,577	8,500	82,842	106,491	8,500	7,500	7,649
185	218 Process/Rate Study		110,000	10,753	17,000	21,283	75,283	18,000	18,000	18,000
191	<b>OTHER</b>									
195	GPS Locating System		12,000			18,974	18,974			
198	New Computer for server and new Software system		85,500			91,012	91,012			
206	New Scada System at WWTP/District					11,630	-11,630			
208	<b>TOTAL NON O&amp;M EXPENSES</b>		<b>1,202,678</b>	<b>115,089</b>	<b>109,590</b>	<b>609,168</b>	<b>1,109,817</b>	<b>84,500</b>	<b>75,500</b>	<b>340,649</b>
209										
210	<b>CASH RECAP</b>									
211	Cash beginning of period		2,611,448	3,047,332	3,047,332	2,852,387	2,852,387	2,942,937	3,014,980	3,016,430
212	Net Cash Flow (O&M)		1,129,758	10,694	14,042	699,717	1,091,486	156,543	76,950	158,276
213	Total Non O&M Expenses		(1,202,678)	(115,089)	(109,590)	(609,168)	(1,109,817)	(84,500)	(75,500)	(340,649)
214	<b>CASH AT END OF PERIOD</b>		<b>2,538,528</b>	<b>2,942,937</b>	<b>2,951,784</b>	<b>2,942,937</b>	<b>2,834,056</b>	<b>3,014,980</b>	<b>3,016,430</b>	<b>2,834,056</b>
215										
216	<b>RESERVES</b>									
217	Debt Reserves		(400,000)	(400,000)	(400,000)	(400,000)	(400,000)	(400,000)	(400,000)	(400,000)
218	Working Capital-Water (4 months)		(900,000)	(900,000)	(900,000)	(900,000)	(900,000)	(900,000)	(900,000)	(900,000)
220	Working Capital-Sewer (4 months)									
221	Working Capital-CIP (4 months)									
222	Contingency Reserves (10% O&M)		(270,000)	(270,000)	(270,000)	(270,000)	(270,000)	(270,000)	(270,000)	(270,000)
223	Rate Stabilization Reserves		(480,000)	(480,000)	(480,000)	(480,000)	(480,000)	(480,000)	(480,000)	(480,000)
224	Available for Emergency Reserves		488,528	892,937	901,784	892,937	784,056	964,980	966,430	784,056
225	<b>Target Emergency Reserves</b>		<b>2,000,000</b>	<b>2,000,000</b>	<b>2,000,000</b>	<b>2,000,000</b>	<b>2,000,000</b>	<b>2,000,000</b>	<b>2,000,000</b>	<b>2,000,000</b>
226	<b>Emergency Reserves Deficit</b>		<b>(1,511,472)</b>	<b>(1,107,063)</b>	<b>(575,451)</b>	<b>(1,107,063)</b>	<b>(1,215,944)</b>	<b>(1,035,020)</b>	<b>(1,033,570)</b>	<b>(1,215,944)</b>
227										
228										
229	<b>SIGNIFICANT ITEMS</b>			<b>ACTUAL</b>	<b>PROJECTED</b>					
230										
231	Regulatory Permit Fees			8,413	4,722	SWRCB Fees increased \$5,500!				
232	Salaries & Wages contra account			(9,448)	(1,320)	Labor for pipeline projects				
233	Postage & Freight			2,057	75	Extra mailing for Ordinance				
234										



# BORREGO WATER DISTRICT

	BALANCE SHEET March 31, 2016 (unaudited)		BALANCE SHEET February 29, 2016 (unaudited)		MONTHLY CHANGE (unaudited)
<b>ASSETS:</b>					
<b>CURRENT ASSETS</b>					
Cash and cash equivalents	\$	2,942,937.16	\$	3,047,331.64	\$ (104,394.48)
Accounts receivable from water sales and sewer charges	\$	337,270.27	\$	339,384.96	\$ (2,114.69)
Inventory	\$	129,058.06	\$	134,015.38	\$ (4,957.32)
Prepaid expenses	\$	33,692.09	\$	33,692.09	\$ -
<b>TOTAL CURRENT ASSETS</b>	<b>\$</b>	<b>3,442,957.58</b>	<b>\$</b>	<b>3,554,424.07</b>	<b>\$ (111,466.49)</b>
<b>RESTRICTED ASSETS</b>					
Debt Service:					
Deferred amount of COP Refunding	\$	122,550.33	\$	122,550.33	\$ -
Unamortized bond issue costs	\$	85,965.97	\$	85,965.97	\$ -
Viking Ranch Refinance issue costs	\$	56,000.00	\$	56,000.00	\$ -
Deferred Outflow of Resources-calPERS	\$	138,759.00	\$	138,759.00	\$ -
Total Debt service	\$	403,275.30	\$	403,275.30	\$ -
Trust fund:					
Investments with fiscal agent -CFD 2007-1	\$	82,874.00	\$	85,671.27	\$ (2,797.27)
Total Trust fund	\$	82,874.00	\$	85,671.27	\$ (2,797.27)
<b>TOTAL RESTRICTED ASSETS</b>	<b>\$</b>	<b>486,149.30</b>	<b>\$</b>	<b>488,946.57</b>	
<b>UTILITY PLANT IN SERVICE</b>					
Land	\$	2,321,191.65	\$	2,321,191.65	\$ -
Flood Control Facilities	\$	4,319,603.58	\$	4,319,603.58	\$ -
Capital Improvement Projects	\$	272,954.51	\$	312,146.29	\$ (39,191.78)
Sewer Facilities	\$	5,852,293.85	\$	5,798,419.10	\$ 53,874.75
Water facilities	\$	10,800,193.83	\$	10,620,984.07	\$ 179,209.76
Pipelines, wells and tanks	\$	-	\$	151,699.02	\$ (151,699.02)
General facilities	\$	1,006,881.13	\$	1,006,881.13	\$ -
Equipment and furniture	\$	364,781.77	\$	342,737.60	\$ 22,044.17
Vehicles	\$	540,195.40	\$	591,420.89	\$ (51,225.49)
Accumulated depreciation	\$	(11,529,988.01)	\$	(11,581,213.50)	\$ (51,225.49)
<b>NET UTILITY PLANT IN SERVICE</b>	<b>\$</b>	<b>13,948,107.71</b>	<b>\$</b>	<b>13,883,869.83</b>	<b>\$ 64,237.88</b>
<b>OTHER ASSETS</b>					
Water rights -ID4	\$	185,000.00	\$	185,000.00	\$ -
<b>TOTAL OTHER ASSETS</b>	<b>\$</b>	<b>185,000.00</b>	<b>\$</b>	<b>185,000.00</b>	
<b>TOTAL ASSETS</b>	<b>\$</b>	<b>18,062,214.59</b>	<b>\$</b>	<b>18,112,240.47</b>	<b>\$ (50,025.88)</b>

Balance sheet continued

	<b>BALANCE SHEET</b> <b>March 31, 2016</b> <b>(unaudited)</b>	<b>BALANCE SHEET</b> <b>February 29, 2016</b> <b>(unaudited)</b>	<b>MONTHLY</b> <b>CHANGE</b> <b>(unaudited)</b>
<b>LIABILITIES:</b>			
<b><i>CURRENT LIABILITIES PAYABLE FROM CURRENT ASSETS</i></b>			
Accounts Payable	\$ 59,236.06	\$ 91,355.83	\$ (32,119.77)
Accrued expenses	\$ 113,983.36	\$ 113,983.36	\$ -
Deposits	\$ 24,643.75	\$ 24,643.75	\$ -
<b>TOTAL CURRENT LIABILITIES PAYABLE FROM CURRENT ASSETS</b>	<b>\$ 197,863.17</b>	<b>\$ 229,982.94</b>	<b>\$ (32,119.77)</b>
<b><i>CURRENT LIABILITIES PAYABLE FOM RESTRICTED ASSETS</i></b>			
Debt Service:			
Accounts Payable to CFD 2007-1	\$ 82,874.00	\$ 85,671.27	\$ (2,797.27)
Tier 2 Rate Refund Payable	\$ 121,551.15	\$ 122,745.94	\$ (1,194.79)
<b>TOTAL CURRENT LIABILITIES PAYABLE FROM RESTRICTED ASSETS</b>	<b>\$ 204,425.15</b>	<b>\$ 208,417.21</b>	<b>\$ (3,992.06)</b>
<b><i>LONG TERM LIABILITIES</i></b>			
2008 Certificates of participation	\$ 2,475,000.00	\$ 2,475,000.00	\$ -
BBVA Compass Bank Loan	\$ 1,059,758.64	\$ 1,059,758.64	\$ -
Net Pension Liability-calPERS	\$ 699,055.00	\$ 699,055.00	\$ -
Deferred Inflow of Resources-calPERS	\$ 160,113.00	\$ 160,113.00	\$ -
<b>TOTAL LONG TERM LIABILITIES</b>	<b>\$ 4,393,926.64</b>	<b>\$ 4,393,926.64</b>	<b>\$ -</b>
<b>TOTAL LIABILITIES</b>	<b>\$ 4,796,214.96</b>	<b>\$ 4,832,326.79</b>	<b>\$ (36,111.83)</b>
<b><i>FUND EQUITY</i></b>			
Contributed equity	\$ 9,611,814.35	\$ 9,611,814.35	\$ -
Retained Earnings:			
Unrestricted Reserves/Retained Earnings	\$ 3,654,185.28	\$ 3,668,099.33	\$ (13,914.05)
Total retained earnings	\$ 3,654,185.28	\$ 3,668,099.33	\$ (13,914.05)
<b>TOTAL FUND EQUITY</b>	<b>\$ 13,265,999.63</b>	<b>\$ 13,279,913.68</b>	<b>\$ (13,914.05)</b>
<b>TOTAL LIABILITIES AND FUND EQUITY</b>	<b>\$ 18,062,214.59</b>	<b>\$ 18,112,240.47</b>	<b>\$ (50,025.88)</b>



# BORREGO WATER DISTRICT

## TREASURER'S REPORT MARCH, 2016

Bank Balance	Carrying Value	Fair Value	% of Portfolio				Valuation Source
			Current Actual	Rate of Interest	Maturity		

### Cash and Cash Equivalents:

#### Demand Accounts at UB/LAIF

General Account/Petty Cash	\$ 2,907,533	\$ 2,859,719	\$ 2,859,719	97.17%	0.00%	N/A	UB
Payroll Account	\$ 63,984	\$ 62,200	\$ 62,200	2.11%	0.00%	N/A	UB
LAIF	\$ 21,018	\$ 21,018	\$ 21,018	0.71%	0.22%	N/A	LAIF
<b>Total Cash and Cash Equivalents</b>	<b>\$ 2,992,536</b>	<b>\$ 2,942,937</b>	<b>\$ 2,942,937</b>	<b>100.00%</b>			

### Facilities District No. 2007-1

First American Treas Obligation -US BANK	\$ 82,874	\$ 82,874	\$ 82,874				
<b>Total Cash, Cash Equivalents &amp; Investments</b>	<b>\$ 3,075,410</b>	<b>\$ 3,025,812</b>	<b>\$ 3,025,812</b>				

Cash and investments conform to the District's Investment Policy statement filed with the Board of Directors on June 24, 2015.

Cash, investments and future cash flows are sufficient to meet the needs of the District for the next six months.

Sources of valuations are Umpqua Bank, LAIF and US Trust Bank.

Kim Pitman, Administration Manager



# BORREGO WATER DISTRICT

To: BWD Board of Directors  
 From: Kim Pitman  
 Subject: Consideration of the Disbursements and Claims Paid  
 Month Ending March, 2016

<b>Vendor disbursements paid during this period:</b>		<b>\$ 306,743.44</b>
<u>Significant items:</u>		
San Diego Gas & Electric		\$ 24,476.46
CalPERS Payments		\$ 10,592.93
Medical Health Benefits		\$ 19,269.46
ACWA-Property/Diff in conditions/WC/Excess Public Employee		\$ 36,073.29
Citizens Business Bank-Debt Payment COP		\$ 55,687.50
 <b>Capital Projects/Fixed Asset Outlays:</b>		
Bay City Electricity-Emergency Generator		\$ 31,754.16
Supreme Electricl Contracting-Electrical work on Generator		\$ 16,200.00
 <b>Total Professional Services for this Period:</b>		
McDougal, Love, Eckis, Attorneys	Legal-general	\$ 1,600.50
Downey Brand, Attorneys	GWM	\$ 2,964.00
Raftelis	Rate Study	\$ 8,752.50
Dudek Professional Services	GSP	\$ 32,577.01
	RHGC	
	Prepare Grants	
 <b>Payroll for this Period:</b>		
Gross Payroll		\$ 64,917.20
Employer Payroll Taxes and ADP Fee		\$ 1,455.81
<b>Total</b>		<b>\$ 66,373.01</b>



BORREGO WATER DISTRICT  
FOR BOARD CONSIDERATION AND APPROVAL  
MARCH 31, 2016

GENERAL ACCOUNT

CHECK#	DATE	PAYEE & DESCRIPTION	AMOUNT
30472	04/07/16	U.S.BANK CORPORATE PAYMENT SYS SEE INVOICE FOR DETAILS SEE INVOICE FOR DETAILS	1,854.02
30423	03/15/16	ABILITY ANSWERING/PAGING SER ANSWERING SERVICE	208.99
30453	03/30/16	ACCELA, INC. #774375 COMPUTER BILLING	522.50
30424	03/15/16	CB&T ACWA-JPIA MEDICAL BENEFITS	19,269.46
30425	03/15/16	ACWA/JPIA PROPERTY INSURANCE 4/1/16 - 4/1/2017	9,666.00
30432	03/22/16	ACWA/JPIA DIFFERENCE IN CONDITIONS 04/01/16 - 04/01/2017	21,831.29
30454	03/30/16	ACWA/JPIA WORKERS COMPENSATION PROGRAM PE: 1/1/16 - 3/31/16	4,095.00
30473	04/07/16	ACWA/JPIA EXCESS PUBLIC EMPLOYEE FIDELIT PROGRAM FA-0230320-16 PE: 4/1/16 - 4/1/17	481.00
30433	03/22/16	AFLAC EMPLOYEE PAID SUPPLEMENTAL INS	1,834.90
30434	03/22/16	AIRGAS USA, LLC GAS AND WELDING EQUIPMENT FOR SHOP	200.82
30474	04/07/16	AMERICAN LINEN INC. UNIFORMS FOR CREW	370.80
30475	04/07/16	AT CONFERENCE CONFERENCE CALLS	18.77
30476	04/07/16	AT&T-CALNET 2 PHONE SERVICE, SHOP, OFFICE WWTP	341.84
30426	03/15/16	BAY CITY ELECTRIC WORKS KOHLER 110 KW GENSET 125REZGC LP ASSET #360	31,754.16
30455	03/30/16	BAY CITY ELECTRIC WORKS PREVENTATIVE MAINTENANCE' WWTP EMERGENCY GENERATOR	256.29
30466	04/04/16	BOB ATTIYEH TIER 2 REFUND 0633101	826.81
30477	04/07/16	BORREGO SPRINGS BOTTLED WATER WATER FOR CREW	8.00
30435	03/22/16	BORREGO SPRINGS CHAMBER ANNUAL MEMBERSHIP	200.00
30478	04/07/16	BORREGO SUN ADVERTISEMENT ORDINANCE 16-01	351.75
30436	03/22/16	PUBLIC EMP'S RETIREMENT SYSTEM	

BORREGO WATER DISTRICT  
 FOR BOARD CONSIDERATION AND APPROVAL  
 MARCH 31, 2016

CHECK#	DATE	PAYEE & DESCRIPTION	AMOUNT
30456	03/30/16	RETIREMENT BENEFITS PUBLIC EMP'S RETIREMENT SYSTEM	5,158.70
30437	03/22/16	EMPLOYEE RETIREMENT BENEFITS CITIZENS BUSINESS BANK	5,434.23
30457	03/30/16	INSTALLMENT AGREEMENT #08-043 REFINANCE OF 1997 AND 1998 COP COMMERCIAL LIGHTING COMPANY	55,687.50
30479	04/07/16	FLUORESCENT BULBS FOR SHOP AND OFFICE	182.87
30458	03/30/16	CONNEY SAFETY COMPANY SAFETY EQUIPMENT	430.97
30465	03/30/16	CONTRON SCADA SERVICES RHWTF SCADA SERVICES ID4 AND WATER	2,723.30
30480	04/07/16	COUNTY OF SAN DIEGO FACILITY PERMIT 4/2016-4/2017 DEH2005-HUPFP-204659 DEH2005-HUPFP-204660	886.00
30427	03/15/16	JAMES G HORMUTH/DBA TRUE VALUE SEE INVOICE FOR DETAILS	360.96
30459	03/30/16	DEBBIE MORETTI PEST CONTROL	122.00
30467	04/04/16	DLT SOLUTIONS, LLC. AUTODESK SUBSCRIPTION 9701-0446NRG1 2 LICENSES	2,591.97
30438	03/22/16	DON PACHUTA TIER 2 REFUND 0522621	4.35
30481	04/07/16	DOWNEY BRAND PROFESSIONAL SERVICES	2,964.00
30495	04/18/16	DUDEK PROFESSIONAL SERVICES BVGSP 1/30/16 - 2/26/16	32,577.01
30496	04/18/16	E.S. BABCOCK & SONS, INC. WATER SAMPLES TO LAB	3,140.00
30482	04/07/16	FED EX SHIPPING	51.83
30483	04/07/16	GREEN DESERT LANDSCAPE MANAGEMENT FEE CLUB CIRCLE MARCH	4,770.00
30439	03/22/16	HIDDEN VALLEY PUMP SYSTEMS INC REPLACE PUMP FOR SCUM WELL (RHWTF)	5,920.59
30484	04/07/16	HOME DEPOT CREDIT SERVICES SEE INVOICE FOR DETAILS	2,292.77
30440	03/22/16	HOME DEPOT CREDIT SERVICES SEE INVOICE FOR DETAILS	446.92
30441	03/22/16	IN-SITU, INC. LEVEL TROLL / LOCK CABLE	2,037.91
30497	04/18/16	BORREGO AUTO PARTS, INC. TRUCK MAINTENANCE TIRES 2007 DODGE TRUCK RAM	438.14
		BORREGO AUTO PARTS, INC. REPLACE DAMAGED TIRE WATER	



BORREGO WATER DISTRICT  
 FOR BOARD CONSIDERATION AND APPROVAL  
 MARCH 31, 2016

CHECK#	DATE	PAYEE & DESCRIPTION	AMOUNT
30485	04/07/16	TRUCK JC LABS & MONITORING SERVICE WASTEWATER CONSULTING SERVICES MARCH	293.12   1,500.00
30442	03/22/16	JEANNIE BECK ARTICLE REGARDING 218 PROCESS AND RATE INCREASES	  150.00
30468	04/04/16	JOE GURY TIER 2 REFUND 0200320	  102.66
30486	04/07/16	JOE'S PAVING CO.INC. 3/4" WASHED ROCK FOR AROUND NEW GEN-SET LIFT STATION TCS	  625.00
30469	04/04/16	JOHN CROOK REFUND OF TIER 2 RATE 0624050	  133.41
30470	04/04/16	JULIE ANDERSON REFUND TIER 2 RATE 0632620	  102.99
30443	03/22/16	KENNY STRICKLAND, INC. FUEL FOR DISTRICT VEHICLES	 471.87
30464	03/30/16	KENNY STRICKLAND, INC. FUEL FOR DISTRICT VEHICLES FUEL FOR DISTRICT VEHICLES	  996.85
30428	03/15/16	McDOUGAL LOVE ECKIS PROFESSIONAL SERVICES	 1,600.50
30487	04/07/16	NAPA AUTO PARTS INC MISC AUTO PARTS	 210.54
30488	04/07/16	NORTH COUNTY LAWNMOWER CHAINSAW PARTS	 171.46
30429	03/15/16	NORTH GARDENS MANAGEMENT, LLC ENGINEERING ASSISTANCE 1/1/16 - 3/1/16	  2,362.50
30430	03/15/16	PACIFIC PIPELINE SUPPLY INC TEST COCKS, BRASS SADDLES AND PIPE WRENCH MAGNETIC LID LIFTING TOOL FOR WATER WORK TRUCKS	   799.88
30461	03/30/16	PACIFIC PIPELINE SUPPLY INC INVENTORY PARTS / TOOLS	 1,501.38
30444	03/22/16	CASH REIMBURSE PETTY CASH	 300.00
30445	03/22/16	AMERIGAS PROPANE LP INSTALL PROPANE TANK, RUN LINE REGULATORS AT SEWER LIFT STA.	  895.13
30489	04/07/16	PUMP CHECK PUMP EFFICIENCY FOR PRODUCTION WELLS	  1,920.00
30452	03/25/16	PITNEY BOWES/PURCHASE POWER POSTAGE	 4,000.00
30446	03/22/16	QUILL CORPORATION OFFICE SUPPLIES OFFICE SUPPLIES OFFICE SUPPLIES	   340.63

BORREGO WATER DISTRICT  
 FOR BOARD CONSIDERATION AND APPROVAL  
 MARCH 31, 2016

CHECK#	DATE	PAYEE & DESCRIPTION	AMOUNT
30490	04/07/16	QUILL CORPORATION OFFICE SUPPLIES	217.72
30447	03/22/16	RAFTELIS FINANCIAL PROFESSIONAL SERVICES	8,752.50
30448	03/22/16	RAIN FOR RENT, IMPERIAL 6" RENTAL PUMP WITH FLOATS	4,508.62
30491	04/07/16	RAMONA DISPOSAL SERVICE TRASH SERVICE TRASH SERVICE OFFICE TRASH SERVICE WWTP	3,184.50
30462	03/30/16	SAN DIEGO GAS & ELECTRIC ELECTRICITY CHARGES	20,435.30
30492	04/07/16	SAN DIEGO GAS & ELECTRIC ELECTRICITY CHARGES	4,041.16
30449	03/22/16	SECAP FINANCE POSTAGE MACHINE LEASE	137.49
30498	04/18/16	STAPLES CREDIT PLAN SEE INVOICE FOR DETAILS	261.80
30493	04/07/16	STATE WATER RESOURCE CONTROL RENEWAL WWTP OPERATOR CERT. ROGELIO MARTINEZ GRADE II	230.00
30450	03/22/16	SUPREME ELECTRICAL CONTRACTING ELECTRICAL WORK GENSET SEWER LIFT STATION	16,200.00
30499	04/18/16	SWRCB ACCOUNTING OFFICE LARGE WATER SYSTEM FEES FOR SYSTEM 3710036 7/31/15 - 12/31/15	6,784.02
30471	04/04/16	THOMAS MIDDLETON TIER 2 REFUND 0102702	6.57
30500	04/18/16	TITO'S AUTO CARE REPLACE FRONT BRAKE PADS 2008 GMC YUKON	238.76
30463	03/30/16	TRAVIS PARKER REPLACE NETWORK SWITCH	297.29
30431	03/15/16	TROY DEPRIEST REIMBURSEMENT FOR WORK BOOTS	158.74
30494	04/07/16	UNDERGROUND SERVICE ALERT DIG ALERTS	4.50
30501	04/18/16	VERIZON WIRELESS EMERGENCY PHONES	114.25
30451	03/22/16	XEROX FINANCIAL SERVICES COPIER MACHINE LEASE	377.88
TOTAL			306,743.44

**GROUNDWATER MANAGEMENT**  
**Accounting-FY 2016**  
01-5480

MONTH	DOWNEY BRAND	UC REGENTS	CONFERENCE/ AT CONF/MEALS	USGS	RAFTELIS	DUDEK	WENDY QUINN MINUTES	MONTHLY TOTAL	FYE 2016 TOTAL
Jul-15	534.95	15,000.00						15,534.95	15,534.95
Aug-15			8.31					8.31	15,543.26
Sep-15	1,312.50		50.36					1,362.86	16,906.12
Oct-15	1,900.67		211.59	4,426.18				6,538.44	23,444.56
Nov-15	450.00		6.94		5,375.00	16,976.40		22,808.34	46,252.90
Dec-15	1,462.50		27.96			14,285.00	80.00	15,855.46	62,108.36
Jan-16	2,369.50		49.99					2,419.49	64,527.85
Feb-16	4,370.00		199.14			27,913.64		32,482.78	97,010.63
Mar-16	2,964.00		48.77			32,577.01		35,589.78	132,600.41
Apr-16								-	
May-16								-	
Jun-16								-	
<b>Total</b>	<u>15,364.12</u>	<u>15,000.00</u>	<u>603.06</u>	<u>4,426.18</u>	<u>5,375.00</u>	<u>91,752.05</u>	<u>80.00</u>	<u>132,600.41</u>	<u>132,600.41</u>

## **Borrego Water District Management Report – April 2016**

*By: Jerry Rolwing*

### **FEDERAL LEVEL**

On March 28<sup>th</sup> I was invited to an overview session for visiting U.S. Geological Survey officials held at the USGS office in San Diego. I was asked to attend to give a “cooperator” perspective for the Borrego Valley project which appeared to go quite well.

### **STATE LEVEL**

Several Urban Water Agencies across the State have been given lesser restrictions on compliance with the Governor’s Executive Order for state-wide 25% water reduction mandate. I asked the State Water Resource Control Board how Small Water Agencies could be eligible for lesser restrictions. The response was to submit a written comment letter to the Urban Water Conservation Workshop. The comment letters were due on April 14<sup>th</sup> (attachment A).

### **COUNTY LEVEL**

Work progresses with Department of Planning and Development Services on the creation of a memorandum of understanding as we move towards becoming a Groundwater Sustainability Agency.

On March 23<sup>rd</sup> I met with County hydrogeologist Hugh McManus to show him Monitor Well #5 near the Borrego Sink and the Dr. Nel Well on Hwy 78. The County will be utilizing these “out-of-the-District” wells for compliance with the California Statewide Groundwater Elevation Monitoring (CASGEM). Compliance with CASGEM is required to receive funding from the Department of Water Resources (DWR).

The District is in the process of collecting water level data to be utilized for our eight CASGEM wells, plus another 15 wells the DWR monitors for the Borrego Valley Water Table Map. A report will be featured next month with the change in water level elevation results.

### **DISTRICT LEVEL**

The 15<sup>th</sup> Annual Town Hall Meeting was held March 30<sup>th</sup>. Approximately 65 people attended to view the program, ask questions or provide comments. A hardy “thank you” goes out to all the speakers and support staff to make it another successful event!

On a final note, I submitted my resignation/retirement from public service at the March 23<sup>rd</sup> Board of Directors meeting (attachment B).



# BORREGO WATER DISTRICT

April 13, 2016

Jeanine Townsend, Clerk of the Board  
State Water Resources Control Board  
1001 I Street, 24<sup>th</sup> Floor  
Sacramento, CA 95814

Dear Ms. Townsend:

The Borrego Water District is an isolated, small water purveyor located in the Anza-Borrego Desert. The community is entirely dependent on the Borrego Valley Groundwater Basin (BVGB) for its sole source of water. The BVGB is listed as a medium priority, critically overdrafted basin and steps are in place to create a Groundwater Sustainability Plan (GSP) by January 31, 2020.

Our community has worked diligently to conserve water and over the past five years, the District has reduced its overall municipal production by 20%. Unfortunately, the baseline period of 2013-2014 was a much wetter than normal period. For example, in 2013 between July and September (the normal wet months in Borrego), Borrego received 4.18 inches of rain, more than twice its historical average. In 2015, Borrego received 0.2 inches of rain between the same dates. Thus, for our desert environment, using the SWRCB's baseline for reductions, any short-term reductions have been difficult to achieve.

A great deal of work has been completed in preparation for the creation of the GSP. One major accomplishment was the creation of the Borrego Water Coalition, a stakeholder group representing approximately 80% of the annual water use in the BVGB. Of the water use sectors, agriculture is extracting 70%, recreation 20% and domestic 10% of the total annual withdrawals from the BVGB. As we move to create the GSP, reductions need to take place *across the board* to all sectors, not just the municipal users that are mandated by the Executive Order (EO). Another major accomplishment was a recently published report by the U.S. Geological Survey which suggests that the uppermost, and most prolific of three aquifers in the BVGB, has an estimated life of 50 years. This provides an ample amount of short-term storage to address the EO.

The EO has had marginal overall effectiveness for our unique situation, and in many ways, has only created conflict since it only addressed municipal production, comprising a modest 10% of the BVGB total annual water usage. Please allow us to continue our GSP path, which will provide for *permanent* reductions to achieve sustainability by exempting our desert community from provisions of the EO.

Sincerely,

Jerry Rolwing  
General Manager

Cc: Beth Hart, President of the Board of Directors

March 23, 2016

Board of Directors of the Borrego Water District  
806 Palm Canyon Drive  
Borrego Springs, CA 92004

Dear Board Members:

I have decided it is time for me to move on with my life and therefore, would like to give you notice of my resignation from the Borrego Water District, effective July 16, 2016.

I have enjoyed working with the Board over the past five years and thank you for the opportunity to serve as general manager. Over the past seventeen and one half years I have worked as engineering technician, operations manager and most recently, general manager. My tenure has seen a great deal of change and I hope my contribution, in some way, has made dealing with the District a more tolerable experience to all who call, email or stop by the District office.

Thank you.

Sincerely,

Jerry Rolwing



# **BORREGO WATER DISTRICT**

**March 2016**

## **WATER OPERATIONS REPORT**

<b>WELL</b>	<b>TYPE</b>	<b>FLOW RATE</b>	<b>STATUS</b>	<b>COMMENT</b>
ID1-8	Production	350	In Use	
ID1-10	Production	300	In Use	
ID1-12	Production	950	In Use	
ID1-16	Production	850	In Use	
Wilcox	Production	150	In Use	Diesel backup well for ID-4
ID4-4	Production	350	In Use	
ID4-11	Production	1000	In Use	Diesel engine drive exercised monthly
ID4-18	Production	250	In Use	
ID5-5	Production	900	In Use	

**System Problems:** All Production Wells and reservoirs are in operating condition. Layfield is still in the process of completing repair on the 800 Tank.

## **WASTEWATER OPERATIONS REPORT**

**Rams Hill Water Reclamation Plant serving ID-1, ID-2 and ID-5 Total Cap. 0.25 MGD (million gallons per day):**

**Average flow:** 99,262 (gallons per day)

**Peak flow:** 161,411 gpd Sunday March 13, 2016



# BORREGO WATER DISTRICT

## WATER PRODUCTION SUMMARY MARCH 2016

DATE	ID-1	ID-3	ID-4	DISTRICT-WIDE TOTALS
Mar-14	38.28	6.90	93.46	138.64
Apr-14	55.77	8.32	124.43	188.52
May-14	64.47	8.46	116.31	189.24
Jun-14	78.14	9.52	123.76	211.42
Jul-14	100.19	9.13	141.45	250.77
Aug-14	101.13	9.72	114.76	225.61
Sep-14	89.33	10.49	142.82	242.64
Oct-14	99.66	9.71	130.38	239.75
Nov-14	71.94	10.32	123.00	205.26
Dec-14	38.95	6.96	95.47	141.38
Jan-15	32.95	6.38	85.84	125.17
Feb-15	22.13	6.15	86.06	114.34
Mar-15	16.78	5.94	86.54	109.26
Apr-15	32.79	8.30	129.76	170.85
May-15	29.25	7.28	104.29	140.82
Jun-15	32.44	9.02	116.67	158.13
Jul-15	29.94	10.04	108.89	148.87
Aug-15	28.19	8.51	113.56	150.26
Sep-15	29.17	9.63	132.98	171.78
Oct-15	32.88	9.23	117.32	159.43
Nov-15	25.27	8.24	113.84	147.35
Dec-15	17.25	7.39	99.01	123.65
Jan-16	13.70	7.25	72.07	93.02
Feb-16	12.96	7.04	91.40	111.40
Mar-16	13.87	6.51	86.66	107.04
<b>12 Mo. TOTAL</b>	<b>297.71</b>	<b>98.44</b>	<b>1286.45</b>	<b>1682.60</b>

*Totals reflect individual improvement district usage. Interties from ID-3 have been subtracted from well pumpage totals and applied to respective ID's. All figures in Acre Feet of water pumped or recorded on intertie meters.*

### WATER LOSS SUMMARY (%)

**PROGRAM DID NOT CALCULATE WATER LOSS FOR JANUARY IN TIME FOR THIS REPORT**

DATE	ID-1	ID-3	ID-4	ID-5	DISTRICT-WIDE AVERAGE
Mar-16	6.88	3.38	14.85	N/A	8.37
<b>12 Mo. Average</b>	<b>5.49</b>	<b>1.65</b>	<b>16.29</b>	<b>N/A</b>	<b>7.81</b>



BORREGO WATER DISTRICT  
 Water Production / Use Records  
 ID # 1  
 Month of March 2016

----- Water Production (Acre Feet) -----									
Date	Well 1	Well 2	Well 8	Well 10	Well 12	Well 16	-Wells1&2	=TotProdn	LessID3&4
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
MAR'15	19.16	14.36	0.02	1.81	14.00	6.89	33.52	22.72	16.78
APR'15	31.57	9.59	0.02	0.00	22.01	19.06	41.16	41.09	32.79
MAY'15	26.99	0.00	4.63	0.00	14.61	17.29	26.99	36.53	29.25
JUN'15	29.81	13.05	0.03	0.26	20.84	20.33	42.86	41.46	32.44
JUL'15	31.62	0.00	0.02	0.00	27.10	12.86	31.62	39.98	29.94
AUG'15	29.12	0.00	8.17	2.56	18.88	7.09	29.12	36.70	28.19
SEP'15	26.32	0.00	17.31	8.03	8.96	4.50	26.32	38.80	29.17
OCT'15	22.39	0.00	0.03	3.93	24.16	13.99	22.39	42.11	32.88
NOV'15	10.12	12.75	0.05	10.48	21.01	1.97	22.87	33.51	25.27
DEC'15	9.77	10.22	0.02	7.65	16.96	0.01	19.99	24.64	17.25
JAN'16	1.88	1.37	1.36	6.34	12.20	1.05	3.25	20.95	13.70
FEB'16	0.02	0.53	7.60	3.73	8.44	0.23	0.55	20.00	12.96
MAR'16	0.00	4.45	17.78	0.09	1.91	0.60	4.45	20.38	13.87
TOTALS	219.61	51.96	57.02	43.07	197.08	98.98	271.57	396.15	297.71
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====

----- Water Use (Acre Feet) -----										
Date	Domestic	Irrigat'n	Constrt'n	Golf Course	Golf Spare Cap	ID 3	ID 4	Total	Water Loss	% Loss
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
MAR'15	7.41	6.18	0.00	0.00	3.03	5.94	0.00	22.56	0.16	0.70%
APR'15	9.63	10.38	0.00	0.00	9.29	8.30	0.00	37.60	3.49	8.51%
MAY'15	8.29	9.21	0.00	0.00	9.47	7.28	0.00	34.25	2.28	6.23%
JUN'15	8.72	10.93	0.00	0.00	10.82	9.02	0.00	39.49	1.97	4.76%
JUL'15	10.09	14.86	1.18	0.00	2.47	10.04	0.00	38.64	1.34	3.35%
AUG'15	10.71	13.84	1.16	0.00	0.00	8.51	0.00	34.22	2.48	6.79%
SEP'15	10.22	13.04	1.39	0.00	2.57	9.63	0.00	36.85	1.95	5.02%
OCT'15	10.67	11.10	1.34	0.00	8.19	9.23	0.00	40.53	1.58	3.76%
NOV'15	10.12	8.67	0.91	0.00	4.22	8.24	0.00	32.16	1.35	4.02%
DEC'15	8.03	6.95	0.43	0.00	0.00	7.39	0.00	22.80	1.84	7.49%
JAN'16	7.26	4.29	0.48	0.00	0.00	7.25	0.00	19.28	1.67	8.01%
FEB'16	7.19	5.38	0.03	0.00	0.00	7.04	0.00	19.64	0.36	1.78%
MAR'16	6.68	5.79	0.00	0.00	0.00	6.51	0.00	18.98	1.40	6.88%
TOTALS	107.61	114.44	6.92	0.00	47.03	98.44	0.00	374.44	21.71	5.49%
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====

BORREGO WATER DISTRICT  
 Water Production / Use Records  
 ID # 3  
 Month of March 2016

Date	La Casa del Zorro Total Acre Feet		Deep Well Trail / Others Acre Feet			Total Irrigat'n	Total Domestic	Total Acre Feet
	Irrigat'n	Domestic	Irrigat'n	Domestic	Total			
MAR'15	0.00	2.26	0.10	3.54	3.64	0.10	5.80	5.90
APR'15	0.00	3.03	0.14	4.98	5.12	0.14	8.01	8.15
MAY'15	0.00	2.46	0.25	4.37	4.62	0.25	6.83	7.08
JUN'15	0.00	3.32	0.24	5.17	5.41	0.24	8.49	8.73
JUL'15	0.00	3.46	0.13	5.93	6.06	0.13	9.39	9.52
AUG'15	0.00	3.43	0.16	5.28	5.44	0.16	8.71	8.87
SEP'15	0.00	3.33	0.14	6.03	6.17	0.14	9.36	9.50
OCT'15	0.00	3.36	0.22	5.49	5.71	0.22	8.85	9.07
NOV'15	0.00	3.10	0.08	4.97	5.05	0.08	8.07	8.15
DEC'15	0.00	2.91	0.07	4.23	4.30	0.07	7.14	7.21
JAN'16	0.00	2.86	0.09	4.06	4.15	0.09	6.92	7.01
FEB'16	0.00	2.54	0.12	4.58	4.70	0.12	7.12	7.24
MAR'16	0.00	2.37	0.10	3.82	3.92	0.10	6.19	6.29
TOTALS	0.00	36.17	1.74	58.91	60.65	1.74	95.08	96.82

Date	Water Produced Acre Feet	Water Delivered Acre Feet	Wtr Loss	% Loss
MAR'15	5.95	5.90	0.05	0.84%
APR'15	8.30	8.15	0.15	1.81%
MAY'15	7.28	7.08	0.20	2.75%
JUN'15	9.02	8.73	0.29	3.22%
JUL'15	10.04	9.52	0.52	5.18%
AUG'15	8.51	8.87	-.36	-4.23%
SEP'15	9.63	9.50	0.13	1.35%
OCT'15	9.23	9.07	0.16	1.73%
NOV'15	8.24	8.15	0.09	1.09%
DEC'15	7.39	7.21	0.18	2.44%
JAN'16	7.25	7.01	0.24	3.31%
FEB'16	7.04	7.24	-.20	-2.84%
MAR'16	6.51	6.29	0.22	3.38%
TOTALS	98.44	96.82	1.62	1.65%

BORREGO WATER DISTRICT  
 Water Production / Use Records  
 ID # 4  
 Month of March 2016

----- Water Production (Acre Feet) -----											
Date	Well 2	Well 3	Well 4	Well 5	Well 10	Well 11	Well 18	Wilcox	Well 85	Total	Less ID5
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
MAR'15	0.00	0.00	43.04	5.91	8.26	27.25	2.08	0.00	0.00	86.54	86.54
APR'15	0.00	0.00	52.18	10.61	9.98	53.46	3.53	0.00	0.00	129.76	129.76
MAY'15	0.00	0.00	44.16	9.57	6.91	40.55	3.09	0.01	0.00	104.29	104.29
JUN'15	0.00	0.00	50.06	9.12	8.40	45.42	3.67	0.00	0.00	116.67	116.67
JUL'15	0.00	0.00	40.26	18.80	0.00	46.40	3.43	0.00	0.00	108.89	108.89
AUG'15	0.00	0.00	42.85	18.74	0.00	48.91	3.05	0.01	0.00	113.56	113.56
SEP'15	0.00	0.00	47.84	22.20	0.00	59.16	3.74	0.04	0.00	132.98	132.98
OCT'15	0.00	0.00	41.80	20.80	0.00	51.34	3.38	0.00	0.00	117.32	117.32
NOV'15	0.00	0.00	42.96	18.46	0.00	49.35	3.07	0.00	0.00	113.84	113.84
DEC'15	0.00	0.00	44.32	16.53	0.00	35.72	2.44	0.00	0.00	99.01	99.01
JAN'16	0.00	0.00	43.27	12.26	0.00	15.00	1.54	0.00	0.00	72.07	72.07
FEB'16	0.00	0.00	46.93	16.74	0.00	25.44	2.25	0.04	0.00	91.40	91.40
MAR'16	0.00	0.00	38.74	15.50	0.00	30.20	2.14	0.08	0.00	86.66	86.66
TOTALS	0.00	0.00	535.37	189.33	25.29	500.95	35.33	0.18	0.00	1286.45	1286.45
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====

Date	Water Produced Acre Feet	Water Use Acre Feet	Wtr Loss	% Loss	ID 5 Acre Feet
=====	=====	=====	=====	=====	=====
MAR'15	86.54	73.17	13.37	15.45%	0.00
APR'15	129.76	106.38	23.38	18.02%	0.00
MAY'15	104.29	87.10	17.19	16.48%	0.00
JUN'15	116.67	99.06	17.61	15.09%	0.00
JUL'15	108.89	94.21	14.68	13.48%	0.00
AUG'15	113.56	96.54	17.02	14.99%	0.00
SEP'15	132.98	108.92	24.06	18.09%	0.00
OCT'15	117.32	100.23	17.09	14.57%	0.00
NOV'15	113.84	94.66	19.18	16.85%	0.00
DEC'15	99.01	83.23	15.78	15.94%	0.00
JAN'16	72.07	58.73	13.34	18.51%	0.00
FEB'16	91.40	74.06	17.34	18.97%	0.00
MAR'16	86.66	73.79	12.87	14.85%	0.00
TOTALS	1286.45	1076.91	209.54	16.29%	0.00
=====	=====	=====	=====	=====	=====