

**AGENDA**  
**Borrego Water District Board of Directors**  
**Regular Meeting**  
**April 24, 2013 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
- E. Approval of Minutes
  - Special meeting of March 11, 2013 (3-4)
  - Special meeting of March 19, 2013 (5-6)
  - Regular meeting of March 27, 2013 (7-9)
  - Town Hall meeting of March 27, 2013 (10-13)
- 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 J. Iavelli (14-22)

**II. CURRENT BUSINESS MATTERS**

- A. Discussion and potential approval of participation with Steele/Burnand Center regarding National Science Foundation grant: NSF 13-535: Water Sustainability and Climate (WSC) due September 10, 2013. (23-24)
- B. Discussion and possible approval of a workshop regarding the costs/benefits of an adjudication process as a means for establishing an authority to manage the Borrego Valley Groundwater Basin led by Thomas Bunn, III, Lagerlof, Senecal, Gosney, & Kruse on Wednesday, June 19<sup>th</sup> 1:00 PM – 3:00 PM at the District's offices. (25)
- C. Preliminary discussion of FY 2014 budget and proposed rate increase. (27-46)

**III. STAFF REPORTS**

- A. Financial Reports – March 2013 (48-64)
- B. General Manager / Operations Report - verbal
- C. Water and Wastewater Operations Report – March 2013 (65)
- D. Water Production/Use Records – March 2013 (66-69)
- E. Year to Date Meter Installations (70)
- F. Meter Installation History (71)

**IV. ATTORNEY'S REPORT**

**V. COMMITTEE REPORTS & PROPOSALS:**

**Ad Hoc Committees**

- |                                      |                        |
|--------------------------------------|------------------------|
| 1. Audit Committee                   | (M. Brecht, L. Brecht) |
| 2. Due-Diligence                     | (M. Brecht, L. Brecht) |
| 3. Strategic Planning Committee/IRWM | (Hart, L. Brecht)      |
| 4. Executive Committee               | (Estep, Hart)          |
| 5. Operations & Management Committee | (M. Brecht, Delahay)   |
| 6. Parks Committee                   | (Estep, Hart)          |
| 7. Asset Ad Hoc Committee            | (Hart, M. Brecht)      |

**VI. INFORMATION ITEMS**

**III. CLOSED SESSION**

A. Public employee discipline/dismissal/release – Reference Government Code § 54957

**VII. CLOSING PROCEDURE**

The next Regular Meeting of the Board of Directors is scheduled for May 17, 2013 at the Borrego Water District.

**Borrego Water District  
MINUTES  
Special Meeting of the Board of Directors  
Tuesday, March 11, 2013  
8:30 AM  
806 Palm Canyon Drive  
Borrego Springs, CA 92004**

**I. OPENING PROCEDURES**

- A. Call to Order: President Hart called the meeting to order at 8:30 a.m.
- B. Pledge of Allegiance: Those present stood for the Pledge of Allegiance.
- C. Roll Call:     Directors:     Present:     President Hart, Vice-President Lyle Brecht, Secretary/Treasurer Marshal Brecht, Delahay, Estep

Staff:           Jerry Rolwing, General Manager  
                    Wendy Quinn, Recording Secretary

Public:          Jim Engelke                     Meri Cooper  
                    Charles Fristoe                Russ McMillan  
                    Ray Bolanos                    Don Blaikie  
                    Gil Lombard                    Joe Tatusko  
                    Dick Emery                     Mary Ann Foxley  
                    John Foxley                    Bill Burton  
                    Jerry Myers

- D. Approval of Agenda: *MSC: L.Brecht/M.Brecht approving the Agenda as written.*
- E. Comments from Directors and Requests for Future Agenda Items: None
- F. Comments from the Public and Requests for Future Agenda Items: Don Blaikie

thanked the Board for calling today's meeting. He pointed out that Bill Berkley has put himself and his company at risk in pursuing the acquisition of Rams Hill Golf Course, and Mr. Blaikie believed his request for input to the investigating consultants was reasonable.

Russ McMillan reported that he had spoken to local business owners and circulated a petition urging the District to allow Mr. Berkley access to its engineering records in connection with the investigation into provision of less expensive water to Rams Hill Golf Course. Twenty-seven of the thirty-six business approached signed the petition. Mr. McMillan presented the petition to Jerry Rolwing, adding his opinion that the District had breached its agreement by the sale of Well 12.

John Foxley expressed concern that a request from the public to discuss the Rams Hill matter at a prior meeting was not addressed at the time but placed on the next Agenda. President Hart explained that the procedure was mandated by the Brown Act.

**II. CURRENT BUSINESS MATTERS**

- A. Discussion and possible approval of Agreement regarding the use of Developer's funds for legal and technical research associated with developing a water supply for the Rams Hill Golf Course: *MSC: L.Brecht/M.Brecht approving the Agreement regarding the use of Developer's funds for legal and technical research associated with developing a water supply for the Rams Hill Golf Course.*

**III. CLOSING PROCEDURE**

Adjournment: There being no further business, the meeting was adjourned at 8:45 a.m. The next Special Meeting of the Board of Directors is scheduled for March 19, 2013 at the Borrego Water District. The next Regular Meeting of the Board of Directors is scheduled for March 27, 2013 at the Borrego Water District.

**Borrego Water District**  
**MINUTES**  
**Special Meeting of the Board of Directors**  
**Tuesday, March 19, 2013**  
**9:00 AM**  
**806 Palm Canyon Drive**  
**Borrego Springs, CA 92004**

**I. OPENING PROCEDURES**

- A. Call to Order: President Hart called the meeting to order at 9:00 a.m.
- B. Pledge of Allegiance: Those present stood for the Pledge of Allegiance.
- C. Roll Call:     Directors:     Present:     President Hart, Vice-President Lyle Brecht, Secretary/Treasurer Marshal Brecht, Delahay, Estep  
  
          Staff:           Jerry Rolwing, General Manager  
                          Kim Pitman, Administration Manager  
                          Wendy Quinn, Recording Secretary  
  
          Public:           Jim Engelke

D. Approval of Agenda: *MSC: L.Brecht/M.Brecht approving the Agenda as written.*

E. Comments from Directors and Requests for Future Agenda Items: None

F. Comments from the Public and Requests for Future Agenda Items: Jim Engelke requested that discussion of forming an irrigation district be placed on one of the April Agendas. This could pave the way for BWD to receive Bureau of Reclamation assistance to acquire irrigation water from Imperial Irrigation District and save our aquifer for drinking.

**II. CURRENT BUSINESS MATTERS**

A. Discussion of DRAFT Water Credit Policy revisions: Jerry Rolwing explained that he had incorporated the comments from the last meeting into a new draft Water Credit Policy. He had not heard back from Jim Bennett at the County regarding an appropriate definition of "easement." Discussion followed. President Hart suggested adding to paragraph 2.N, ". . . with the exceptions listed in 4.A." After further discussion, the Board agreed to delete the last sentence of paragraph 2.O regarding EDUs, since this relates to the New Development Policy rather than the Water Credit Policy. Director Lyle Brecht requested that the Water Credit Policy be included on the next Agenda for possible approval.

B. Discussion of proposed budget for FY 2014: Kim Pitman explained that in developing the proposed budget, she used the exact figures for July 2012 through February 2013. For March through June 2013, she used the projections plus 15 percent. This assumes no rate increase. Discussion followed regarding where to reflect the Viking Ranch purchase, currently under Reserves, line 174. Director Marshal Brecht suggested including it after line 166, designated "less reserve for Viking Ranch payoff" or "cash allocated for reserves." Discussion followed regarding the potential sale of water credits, and the fact that this revenue could go toward the Viking Ranch payment absent unforeseen contingencies. Director Marshal Brecht reported he had investigated the possibility of refinancing the ID 4 bonds, but found we cannot do so for several more years.

A set of scenarios was distributed indicating the budget impacts of alternative rate increases over the next three years. Director Lyle Brecht inquired about flexibility for unanticipated expenses. Mr. Rolwing explained that there are some pipelines which will eventually need work, but for now the money has been allocated to engineering expense. Director Lyle Brecht asked that this be included in the cover letter accompanying the proposed budget.

Discussion followed regarding rate increases and the possibility of leaving the meter charges for inactive meters at the current level. President Hart suggested finding out how many inactive meters there are, what the impact would be if rates other than these were increased 20 percent, and whether such an action would require a Proposition 218 process. She suggested consulting Lisa Foster and Sanjay Gaur. The Board agreed to hold off until at least 2014 on sewer rate increases and then consult Raftelis Financial Consultants. Director Delahay suggested maintaining a list of all possible actions requiring a 218 process so that if it is activated, they can all be included. President Hart requested that the budget be included on the next workshop Agenda for further discussion and review of legal input. Director Lyle Brecht noted that the budget should be adopted in May, and the draft budget package should be reviewed at the April workshop.

**C. Update on Rams Hill:** Director Lyle Brecht reported he had met yesterday with Bill Berkley and several Rams Hill residents. They reviewed the draft RFP for consulting services, made some changes and will meet again tomorrow. Mr. Engelke reported he had lunch with Mr. Berkley yesterday and discussed several ideas to economize on Rams Hill operations. Mr. Berkley is concentrating on use of the Pivot Well and investigating the use of solar energy.

**D. Discussion of potential agenda items for March 27th board meeting:** Agenda items for March 27 will include a public hearing on the New Development Policy and the Water Credit Policy, resolutions approving the Policies, agreement with Taussig & Associates for tax consulting, and a closed session for two anticipated cases.

### **III. STAFF REPORTS**

**Financial Reports - February 2013:** The Board agreed to include the written Financial Reports in the next Board package, although they would be discussed today. Ms. Pitman reported that the water revenues were down last month. Discussion followed concerning where to show the bad debt collection, currently under Significant Items, line 180. Director Marshal Brecht suggested listing it as an offset to revenue. Ms. Pitman noted that the engineering costs for recoating a tank would be capitalized. Mr. Rolwing reported that the total cost of repairs to Well 11 was approximately \$80,000.

### **IV. CLOSING PROCEDURE**

**Adjournment:** There being no further business, the meeting was adjourned at 11:10 a.m. The next Regular Meeting of the Board of Directors is scheduled for March 27, 2013 at the Borrego Water District. The Town Hall Meeting is scheduled for March 27, 2013 at 4:00 p.m. at the Performing Arts Center.

**Borrego Water District  
MINUTES  
Regular Meeting of the Board of Directors  
and Public Hearing  
Wednesday, March 27, 2013  
9:00 AM  
806 Palm Canyon Drive  
Borrego Springs, CA 92004**

**I. OPENING PROCEDURES**

- A. Call to Order: President Hart called the meeting to order at 9:00 a.m.
- B. Pledge of Allegiance: Those present stood for the Pledge of Allegiance.
- C. Roll Call:     Directors:     Present: President Hart, Vice-President Lyle Brecht,  
Secretary/Treasurer Marshal Brecht, Delahay, Estep
- Staff:           Jerry Rolwing, General Manager  
                                  Diana Del Bono, Administrative Assistant  
                                  Lisa Foster, McDougal Love Eckis Boehmer & Foley (via  
  teleconference, Item VII)  
                                  Wendy Quinn, Recording Secretary
- Public:           Jim Engelke                           Doug Wilson, Mesquite Trails  
                                  Tom Pantico                           Kyle Roan, *Borrego Sun*  
                                  Ray Bolanos

D. Approval of Agenda: *MSC: L.Brecht/M.Brecht approving the Agenda as written.*

E. Approval of Minutes:

Special meeting of February 19, 2013

*MSC: L.Brecht/Estep approving the Minutes of the Special Meeting of February 19, 2013 as corrected (amend Item II.D, last paragraph, in part to read, ". . . an invitation from Bunnie Hamilton Patriek Meehan to join her ~~him~~, ~~Bill Berkley~~ and De Anza residents the new owners of La Casa del Zorro . . .).*

Regular meeting of February 27, 2013

*MSC: L.Brecht/Estep approving the Minutes of the Regular Meeting of February 27, 2013 as corrected (amend Item II.A, second paragraph, in part to read, ". . . Mr. Berkley had requested the opportunity to uniquely participate in supervise the District's due diligence investigation . . . . The developer He also requested access . . . ;" in Item II.A, next to the last paragraph, delete the sentence, "Director Lyle Brecht pointed out that he could come to the District office and review them, but could not make copies;" correct Item II.F to refer to the previous owners, rather than the new owners).*

F. Comments from Directors and Requests for Future Agenda Items: None

G. Comments from the Public and Requests for Future Agenda Items: Doug Wilson reported that the Mesquite Trails development is moving forward. He is working with the County on planning issues and will meet with District representatives next week on water matters.

H. Correspondence: Jack McGrory, new owner of La Casa del Zorro, had written to express his support for Bill Berkley in restoring the Rams Hill Golf Course and to urge the District's support. President Hart asked Jerry Rolwing to respond.

## II. CURRENT BUSINESS MATTERS

A. Public Hearing to hear testimony regarding the proposed POLICY FOR WATER AND SEWER SERVICE TO NEW DEVELOPMENTS and BORREGO WATER DISTRICT DEMAND OFFSET MITIGATION WATER CREDITS POLICY: President Hart opened the public hearing at 9:10 a.m. Hearing no comments, the public hearing was closed.

B. Consideration and possible approval of Resolution 2013-03-01 RESOLUTION OF THE BOARD OF DIRECTORS OF THE BORREGO WATER DISTRICT APPROVING A POLICY FOR WATER AND SEWER SERVICE TO NEW DEVELOPMENTS: MSC: L.Brecht/Estep approving Resolution 2013-03-01, Resolution of the Board of Directors of the Borrego Water District Approving a Policy for Water and Sewer Service to New Developments.

C. Consideration and possible approval of Resolution 2013-03-02 RESOLUTION OF THE BOARD OF DIRECTORS APPROVING THE BORREGO WATER DISTRICT DEMAND OFFSET MITIGATION WATER CREDITS POLICY: MSC: L.Brecht/Estep approving Resolution 2013-03-02, Resolution of the Board of Directors Approving the Borrego Water District Demand Offset Mitigation Water Credits Policy.

D. Discussion of and possible approval of Agreement for Consulting Services for David Taussig & Associates: MSC: L.Brecht/Estep approving the agreement for consulting services with David Taussig & Associates and authorizing Mr. Rolwing to sign it.

E. Consideration of approval of sewer transfer from Jerry A. Wilkinson to Philip J. Cleary: MSC: L.Brecht/Delahay approving the sewer transfer from Jerry A. Wilkinson to Philip J. Cleary.

## III. STAFF REPORTS

A. Financial Reports - February 2013: The Financial Reports were covered at the March 19 meeting.

B. Manager/Operations Report: Director Marshal Brecht inquired about Proposition 303 funds. Mr. Rolwing replied that two out of our three applications were approved, and the funds had been used for monitoring wells. President Hart asked about a response from the County regarding water credits for Rudy Monica and Viking Ranch. Mr. Rolwing replied that the County had no problem with Viking Ranch, but they are still reviewing Monica's.

C. Water and Wastewater Operations Report - February 2013:

D. Water Production/Use Records - February 2013:

Mr. Rolwing reported that Well 11 is back in service and operating fine. The total cost was approximately \$80,000.

## IV. ATTORNEY'S REPORT

None

## V. COMMITTEE REPORTS & PROPOSALS

### Ad Hoc Committees

#### 1. Audit Committee

Director Lyle Brecht requested global numbers and approximate dates for the three pumps that failed.

#### 2. Due-Diligence

Director Lyle Brecht reported that the Committee was investigating refinancing opportunities. Mr. Rolwing confirmed that the Committee should also look into water credit pricing.

3. Strategic Planning Committee/IRWM

President Hart reported the Committee had held a series of public meetings during the last couple of months to answer questions from Mr. Berkley, prepare the RFP for consulting services relative to his project and plan for the Town Hall Meeting. Director Lyle Brecht added that the Committee had also met with the Borrego Water Coalition.

4. Executive Committee

No report.

5. Operations & Management Committee

Mr. Rolwing announced that the Committee would be scheduling a meeting soon.

6. Parks Committee

No report.

7. Negotiating (Rams Hill)

Director Lyle Brecht noted that this effort had been moved to the Strategic Planning Committee. Director Estep recommended that the Negotiating Committee be disbanded.

8. New Development/Water Credits Committee

The Board agreed to disband this Committee.

9. Asset Ad Hoc Committee

President Hart referred to an offer received last month for the purchase of real property, which the District elected to deny at that time. The bidder has since increased the offer, but it was the consensus of the Board not to accept it.

**VI. INFORMATION ITEMS**

None

**VII. CLOSED SESSION**

A. Conference with Legal Counsel - Anticipated Litigation; significant exposure to litigation pursuant to paragraph 2 of subdivision (d) of Section 54956.9. Two cases: The Board adjourned to closed session at 9:30 a.m., and the public meeting reconvened at 11:00 a.m. There was no reportable action.

**VII. CLOSING PROCEDURE**

There being no further business, the Board adjourned at 11:00 a.m. to the Town Hall Meeting, 4:00 p.m., March 27, 2013 at the Performing Arts Center, 590 Palm Canyon Drive. The next Special Meeting of the Board of Directors is scheduled for April 16, 2013 at the Borrego Water District. The next Regular Meeting of the Board of Directors is scheduled for April 24, 2013 at the Borrego Water District.

**Borrego Water District  
MINUTES  
Borrego Water District 2013 Town Hall Meeting  
Wednesday, March 27, 2013, 4:00 PM  
Borrego Springs Performing Arts Center  
590 Palm Canyon Drive  
Borrego Springs, CA 92004**

**Attendance:**

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

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

Public: Mary Delaney  
Suzanne Lawrence  
Ralph Singer  
Duane Young, AAWARE  
Rob Chester  
Ann Saye  
Dennis Bostad  
Dick Walker  
Jeff Miner  
Fred Jee  
Artemisa Walker  
Dan Leidecker  
Anne Wermers  
John Delaney  
Claudia Faunt, USGS  
Kathy Johnston  
Eleanor Shimeall  
Laura Peters  
Bill Burton  
Rebecca Falk  
Lionel Barton  
David Lasley  
Ryan Hall, Borrego Farms  
Mary Bea McCaffray  
Mark Leman  
Derek Downey, La Casa del Zorro  
Martha Deichler, BSUSD  
Jayne Moulton  
Thomas Antel  
Bill Steele, USBR  
Jane Solberg  
Elizabeth Rodriguez  
Jim Wermers  
Bill Haneline  
Jim Seley, Seley Ranches  
John Degelade  
Lynda Bostad  
Dennis Dickinson  
Bob Vandenbooch  
Jim Lohr  
Pam Blake  
Jim Engelke  
Mark Jorgensen  
Tom Olson  
Mary Olson  
James Johnston  
Dan Jellis  
Tracey Alexander  
Darby Burton  
Diane Hydoski  
Jimie Lou Steambarge  
Linda Haddock, BSCOC  
Bill Berkley  
Kathy Brigham  
Julie Kehler  
Kyle Roan, *Borrego Sun*  
Greg Krzys, USBR  
Dennis Jensen, Agriculture  
Lucy Larson

- 1) **Greetings & Introductions.** Fred Jee announced two e-waste disposal opportunities, one Friday at the Library for TVs and one Saturday at the Chamber of Commerce for shredding.
- 2) **History of groundwater management.** **Jerry Rolwing, General Manager, Borrego Water District [BWD].** Mr. Rolwing presented questions currently facing the District. Is there an overdraft? Can we import water? Can we store water? Studies show that the overdraft is real, and we will need a managed basin. Studies by the USGS Reclamation will be presented at this meeting, and the County has developed a Groundwater Management Plan.
- 3) **Overdraft update: Why is the overdraft of the Borrego Valley Basin of concern?** **Claudia Faunt, PhD, Hydrologist, US Geological Survey [USGS].** Dr. Faunt noted that the USGS had commenced a three-year study of the Borrego Valley Basin in 2009. The problem is that groundwater is our only source of water, but pumping exceeds recharge by four times. The level has been dropping two feet per year for the past twenty years, and the water quality may eventually deteriorate. Dr. Faunt showed three scenarios: First, no action; second, reduce agricultural use by 40 percent, golf by 40 percent and municipal by 30 percent; and third, reduce agricultural use by 80 percent, golf by 80 percent and municipal by 48 percent. The third would stop the decline but wouldn't bring in additional water. We would not run out of water, but it would become more expensive.
- 4) **What is the feasibility of and potential costs for importing water to the Borrego Valley?** **Bill Steele, Area Manager - Southern California Area Office, U.S. Department of Interior, Bureau of Reclamation [Reclamation].** Mr. Steele reported on the Southeast California Basin Study, which covers Coachella Valley and Imperial Irrigation District as well as the Borrego Valley. The study looked at the imbalance between water supply and demand, future predictions, options and recommendations. Mr. Steele reiterated the concern that groundwater is our only source of water, and pumping exceeds recharge. The study considered alternate scenarios, one of which was to use the Borrego Valley as a water storage site. This would require a means of conveyance from Coachella or IID. There are also water quality concerns which may arise in the future. Mr. Steele suggested considering basin management and cooperation with other local agencies.
- 5) **Where is the District now financially? Will rates increase for FY 2014? Why resolving the overdraft today is necessary to keep water rates from increasing even more tomorrow.** **Lyle Brecht, Vice President of the Board, BWD.** Director Lyle Brecht announced that rates will increase in FY 2014, but he did not yet know the amount. Without a proposition 218 process, the maximum would be 20 percent. He pointed out that BWD's rates are among the lowest in comparable districts in the area. Director Lyle Brecht explained that the District is trying to build up its cash reserves so the overdraft can be addressed and credit reestablished. The alternatives include studies, fallowing farmland, location of alternate water sources and an importation pipeline. He explained that a managed basin is less expensive than an unmanaged one. Costs are continually increasing, so it is time to take action.

**6) Recap. Where do we stand today as a community with a future? Beth Hart, President of the Board, BWD.** President Hart pointed out that the future of our community depends on us. The District will continue to seek government funding, but we need a plan to manage our resources and a vision for our future. Since Borrego Springs is a unique community, it behooves us to work together on planning as an alternative to having Sacramento dictate our direction. The Department of Water Resources is working with BWD, the Chamber of Commerce, agriculture, education, golf, lodging and the State Park (the Borrego Water Coalition) toward this goal.

**7) Moderated, written questions from the audience.** Mr. Rolwing read written questions from the audience. Jayne Moulton expressed concern regarding the safety of water from the Salton Sea. She asked whether the Salton Sea was one step from a Superfund toxic site. Mr. Rolwing replied that BWD does not reclaim water from the Salton Sea.

Dick Walker inquired, after so many meetings with water users, what plans has the agricultural community made for reducing extractions from the aquifer? Mr. Rolwing stated that agriculture is working with the community to resolve this.

Lucy Larson noted that adjudication or importation would be expensive, so what are the specific plans for addressing the overdraft? Mr. Rolwing cited the recently formed Borrego Water Coalition, which is working toward a solution.

An anonymous question was submitted, what does it cost to pump BWD water, and have you considered solar? Mr. Rolwing explained that solar is very expensive, and pumping costs depend on the source of the water and where the end users are located. Specifics are available from the District office.

Mark Jorgensen wanted to discuss natural recharge and evapo-transpiration. Since there are no functioning gauges, how are they calculated? Dr. Faunt explained that the recharge estimates are based on historical data, precipitation and runoff.

Jeff Miner inquired about the cost of acquiring the power for BWD to tax or meter agricultural water use. Director Lyle Brecht replied that the District presently has the authority to impose water extraction fees, but in order to do so the public would have to vote on it. An analysis of the cost and how the money would be spent would be needed.

Bob Vandenbooch asked why evapo-transpiration is assumed zero currently and under sustainability option. Dr. Faunt explained that evapo-transpiration occurs when plants take water directly from the groundwater table. It is presently so low it is not happening.

Darby Burton asked how many acres have been fallowed since mitigation has begun. Mr. Rolwing replied that the total was approximately 190.

Rebecca Falk inquired whether BWD is the only representative of the ratepayers at the Borrego Water Coalition. Mr. Rolwing believed it was, and Director Lyle Brecht added that the BWD Board members are elected by the community.

Diane Hydoski wanted to know what is the "second use" of the Colorado River. Mr. Steele explained that when an agency gets an entitlement, it is theirs as long as they need it. The water is treated so well it is almost distilled. Sometimes it is used once, then treated again and used again. Ms. Hydoski further inquired about plans to get the whole community involved in planning. President Hart cited the Borrego Water Coalition and welcomed participants.

Eleanor Shimeall asked how we can reduce municipal water use. Mr. Rolwing replied that BWD used to offer rebates for turf removal and low usage appliances and perform irrigation audits. Now that the rates have increased, people are using less water. Mr. Steele noted that the Bureau of Reclamation offers grants to assist with conservation programs, and local agencies may be able to use in-kind credit for their share.

Tracey Alexander inquired whether the citrus growers have tried different water conservation techniques. Mr. Rolwing assured him that they have, being motivated by economics. Mr. Alexander further asked if there were advantages to Imperial Irrigation District to use the Borrego Basin for water storage as opposed to another location. Mr. Rolwing said if there were a cheaper storage location, there would be no advantage. Director Lyle Brecht added that in order to use our basin, they would want it to be a managed basin. Lastly, Mr. Alexander wanted to know if there is a study indicating how much money citrus growers make from an acre-foot of water, as opposed to golf courses. Mr. Rolwing was not aware of such a study, but Mr. Steele indicated that data might be available from the University of California, either at Davis or Riverside.

**8) Comments from the audience.** John Delaney wanted to discuss adjudication. He noted that in 1982 the USGS determined we had an aquifer overdraft, which would have serious economic, social and ecological consequences. Now the overdraft has doubled. He believed the basin should have been adjudicated long ago, and urged the District to begin the process now. Mr. Steele pointed that adjudication requires lawyers and is expensive. Each party identifies its needs and the court divides the water rights. There are also engineering costs. Director Lyle Brecht pointed out that adjudication would not solve the overdraft, but would force the community to come up with a plan if we cannot do so on our own. President Hart added that it is an adversarial process, and the attorney for BWD does not recommend it.

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

Dear Sirs: I came across  
this letter written to my  
grandfather. He passed  
away in 1957 so this  
probably dated from the  
early 50's. I thought  
the information might  
be of interest to you.

Sincerely,  
Julie Tavelli



Just a note...

MEMO TO: Mr. W. Templeton Johnson

From: Paula Sullivan

Subject: Water in Borrego Valley

Pictorially speaking, Borrego has what might be called a flat lake of water beneath the surface. It is in stratum and not in the form of a true lake.

Borrego Valley is not a valley as such, but rather a bowl. In the lower part of the valley, to the east and the south, water is within a very few feet of the surface, particularly in the area originally known as Borrego Springs.

As you travel northwesterly toward Coyote Canyon, you rise in elevation above sea level from 300 to 400 feet. And as you travel to the northwest or southwest from this channel, you also go higher above sea level. Consequently, the higher you are in Borrego Valley the deeper it is to the supply of water, and while there are exceptions here and there, the main underground water supply holds true to the number of feet above sea level.

The first usable water from a practical standpoint is where the water table is from 25 to 30 feet from the surface and wells in that area are normally 100 to 150 feet deep. In the center of the grape area - at approximately the DiGiorgio Ranch location - water tables will be from 75 to 100 feet from the surface and in the higher areas - such as at the Flying M Ranch or Sam Fortiner's Gladiola Farms - water stands from 175 to 250 feet from the surface. Wells in this latter area are from 700 to 900 feet deep.

The water flow from many of these locations is governed strictly by the size of the hole, size of the casing, pump motor, etc., which are installed. The average well for 80 acres is set to pump between 900 and 1600 gallons per minute depending upon the porosity of the soil, the type of crop raised, etc.

It is estimated there are 80 wells in commercial irrigation use in the valley today. In addition, there are many domestic wells, and wells which supply water to the valley's subdivisions, etc.

The best example of water table stability is on the Mavis Ranch which has six electric wells in use in a concentrated area over the

past few years. The water table normally goes down two to four feet during the heavy spring and summer irrigation and comes back up in September and October the same year and so far ~~there has been~~ no change of static or pumping level has been noticed.

There are spotted wells throughout the valley which have reported a drop in the water level. However, there is no basis to show that this has been due to lack of water supply but rather has been due to a filling-up condition or plugging of perforations in the pipes of the individual wells. In one instance, the lack of operation efficiency of a diesel pump motor was found to be the cause of the water supply in the well apparently diminishing.

Average temperature of water in wells in Borrego Valley runs from 80 to 90 degrees and chemical analysis shows the water to be high in nitrogen, particularly with other elements present. However, all but about two or three wells produce very soft water ~~with~~ <sup>with</sup> a palatable taste.

At the present time, there ~~are~~ <sup>are</sup> more than 5000 acres under cultivation in the Valley, which has an agricultural potential of between 35,000 and 40,000 acres. There ~~are~~ <sup>are</sup> nearly 55,000 acres in the entire Valley, exclusive, of course, of the State Park.

###

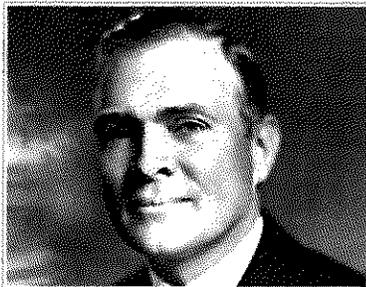
E-NEWS:

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## WILLIAM TEMPLETON JOHNSON (1877-1957)



Born on Staten Island, New York, in 1877, Templeton Johnson was thrust into roofing work at the age of twelve when his father died. This sparked his interest in architecture, which he continued to pursue through his schooling at New York's Columbia University and in Paris at the Ecole des Beaux-Arts from 1908 to 1911.

In 1905, he married Clara Delafield Sturges, whom he later divorced. They had three sons, Winthrop, Arthur, and Alan, and a daughter, Katherine. Clara, born in 1878, was no stranger to San Diego, having traveled to the Hotel Del Coronado for vacations with her family soon after the grand resort opened in 1888. She and Templeton came to San Diego in 1912 fresh from traveling through Europe after which Johnson began his practice. The six-foot-tall, blue-eyed, brown-haired Templeton Johnson became well known in the community; he was an avid tennis player and golfed with city benefactor George W. Marston, who would eventually make possible his most enduring commission,

the Serra Museum in Presidio Park.

Clara Johnson's most important contribution to progressive San Diego was her founding of the private, independent Francis W. Parker School in 1912, a school that William Templeton Johnson designed and where all four of their children received their elementary schooling. It was based on the philosophy of Chicago education reformer Colonel Francis W. Parker, and its curriculum put the child at the center of learning, stressed action over textbook learning, and attempted to foster responsible citizenship. The school was designed with a Spanish Mission flavor, and its central quadrangle and open-air classrooms with sliding doors were intended to adapt "the architecture to the educational aims."

One of Johnson's most notable early buildings in the Spanish Revival style was the La Jolla Public Library (now the La Jolla Athenaeum), dedicated in 1921. With the building's roof tiles and smooth walls, the Spanish influence was evident, and its fanciful arches - their tops reminiscent of a seashell, a motif Johnson often used - had distinctly Moorish touches. Johnson's commitment to indoor-outdoor living showed in his decision to leave "irregular corners and side spaces for flower beds," natural touches that would finish off the building's manmade architecture.

Johnson helped create community on a larger scale in what some consider one of his greatest buildings: the Fine Arts Gallery in Balboa Park. For Johnson, "The erection of the Fine Arts Gallery at the head of the Plaza de Panama...gives the stamp of finality to the gradually evolving idea that Balboa Park is to be the center of the cultural and artistic life of the community." Johnson also designed the Museum of Natural History in Balboa Park six years later, in 1932.

With the La Jolla Library, the Fine Arts Gallery, the 1928 San Diego Trust & Savings building at Sixth and Broadway and the Lion Clothing Company building, William Templeton Johnson built a local reputation in San Diego. His fame burgeoned into national recognition, however, when he won a competition against six other architects to design three buildings, one permanent and two temporary, to hold American exhibits at the Iberian-American Exposition in Seville, Spain, in 1929. That same year San Diego celebrated the opening of what would become Johnson's most prominent work in San Diego - the Junipero Serra Museum.

Templeton and Clara Johnson divorced; she moved to New York with their daughter; the boys were in boarding schools and colleges. He married again in 1935, this time to Helen Hayes Gleason, a native of Cedar Rapids, Iowa, and a pianist. She went to work here for the American Red Cross programming recreational and social activities for patients in the U. S. Naval Hospital in Balboa Park.

In 1937 Johnson designed the main Post Office downtown on E Street between 7th and 8th. He contributed to the design of the new City and County of San Diego Administration Building. Johnson's firm went on to design the San Diego Public Library; the nearly windowless administration building for Consolidated Vultee Aircraft (Convair), which is now the Port Authority building; three buildings and a master plan for development of San Diego State College.

Johnson died at the age of 80 in 1957, in the home he had designed in Mission Hills. A newspaper article about Johnson's AIA fellowship in 1939 had described him as "always active in San Diego civic and cultural affairs," and his 1957 obituary in a San Diego newspaper extolled him as "a cultural leader here since 1913." His official posts included the presidencies of the Fine Arts Society and of the San Diego Chapter of the AIA; he was also a member of the City Planning Commission, the Park Commission, the Library Commission, the board of the San Diego Symphony Association, the University Club, the Cuyamaca Club, and the Executive Committee of the National Conference on City Planning.

See also the 1999 Journal of San Diego History article [A Civic Architect for San Diego: The Work of William Templeton Johnson](#).

San Diego History Center, 1649 El Prado, Suite 3, San Diego, California 92101 - Phone: (619) 232-6203



## **The Paula E. Sullivan Outstanding Achievement Award:**

### **This History of the Paula E. Sullivan Award:**

Paula Sullivan stood for excellence in advertising so it seemed fitting to establish the Paula E. Sullivan Award. During the early 80's the Homburg Awards recognized excellence in advertising. The "Best of Show" in the Homburg Awards was awarded the Paula E. Sullivan Award. Paula helped open the city's first all-woman advertising and public relations agency, Sullivan and Sample, in 1946. She handled almost every communications group in San Diego (including the San Diego Ad Club) and was especially helpful to those who were trying to break into the business. By the early 90's the Homburg Awards evolved into the "ADDY Creative Show" as we know it today.

The Paula E. Sullivan Award evolved as well into honoring an individual with the Paula E. Sullivan Outstanding Achievement Award. This award is now presented to individuals who have continually demonstrated their active involvement and dedication to the San Diego advertising and graphic design community and share their accomplishments and inspiration with the community.

**The Paula E. Sullivan Award is a tribute to a great lady.**

Jerry Note:

I'm not positive this is the same Paula Sullivan but the time frame fits.



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## The Paula E. Sullivan Outstanding Achievement Award:

2012 Honoree: Ron Miriello

### Background and Achievements

Ron Miriello is the founder and director of Miriello Grafico in San Diego, a founding member of the San Diego Chapter of the American Institute of Graphic Arts, an author, public speaker and fine artist with a passion for global themes and technology combined with old world artisan ingenuity.

Ron studied at Colorado State University and completed his design degree in Italy at La Poggerina, where he later taught, worked and lived for two years before moving to San Diego in the late 1970s.

Miriello Grafico has provided award winning identity and branding for start-up companies, major corporations worldwide and community organizations including Hewlett Packard, Qualcomm, TaylorMade, Adidas, San Diego ConVis, San Diego Metro Transit, Iomega, The San Diego Italian Film Festival, and SAFE Foundation. He is a contributing author of 5 published books on design and design thinking. Ron has been interviewing and photographing craftsmen of everyday objects in Italy for a book, Italy By Hand, about handcrafted products in a world of global mass production.

He is an active speaker on the subject of "the language of design" at schools, associations and universities. His artistic achievements have included: AIGA National Fellow Award in 2008; a Linnie Cooper Foundation Grant for Education in 2010; the Monfort Fellowship Colorado State University 2010; an upcoming exhibit of his sculpture project called 100 Worlds; and honors from many national and international design associations and publications.

### Community Achievements

In his branding/graphic design firm, Ron has mentored countless young designers in a collaborative, team-based creative environment that has provided a launching pad for many prominent design and business careers over the past 30 years.

In his neighborhood of choice, Barrio Logan, Ron has purchased and renovated The Logan, sponsored up-and-coming mural artists, championed the unique heritage of the Hispanic quarter that is home to Miriello Grafico and supported the preservation of the neighborhood identity through an ongoing wave of development and gentrification. Together with the founding board members of the San Diego chapter, Miriello negotiated with Moscow to have 300 Soviet posters documenting Glasnost and Perestroika to be sent to San Diego for exhibition in 1989. The collection ignited the fledgling local AIGA chapter, which now has 450 members. A year later, after the fall of the communist block, the posters were bequeathed by the Union of Soviet Artists to the AIGA San Diego and have since traveled to all AIGA chapters.

He has contributed as a member, consultant or creative contributor to a broad assortment of community organizations, including:

- Center City Advisory Counsel
- Business Roundtable for Education
- Barrio Logan Community Plan Update
- Barrio Station
- COSA Coronado School of the Arts Foundation
- Colorado State University Alumni advisory
- Design Innovation Institute Advisory Board
- Tri City Medical Center Hospital Foundation
- Corporate Director Forum
- NTC Foundation
- ATHENA
- San Diego Italian Film Festival Advisory Board
- Slow Food Urban San Diego
- SAFE project Against Gun Violence
- Point Loma Nazarene University
- Family Health Centers /Spirit of The Barrio
- Radicondoli Italy Pro Loco

### **This History of the Paula E. Sullivan Award:**

Paula Sullivan stood for excellence in advertising so it seemed fitting to establish the Paula E. Sullivan Award. During the early 80's the Homburg Awards recognized excellence in advertising. The "Best of Show" in the Homburg Awards was awarded the Paula E. Sullivan Award. Paula helped open the city's first all-woman advertising and public relations agency, Sullivan and Sample, in 1946. She handled almost every communications group in San Diego (including the San Diego Ad Club) and was especially helpful to those who were trying to break into the business. By the early 90's the Homburg Awards evolved into the "ADDY Creative Show" as we know it today.

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**The Paula E. Sullivan Award is a tribute to a great lady.**

**Recipients To Date:**

1992 Bob Kwait, Creative Director Phillips-Ramsey  
1993 Jim Crouch, Principal Crouch & Naegeli, Inc.  
1994 Sheila Fox, President Chapman Warwick  
1995 Gary Cantor, President The Advertising Arts College  
1996 Bonnie Schwartz, Principal Schwartz Graphic Design  
1997 John Vitro & John Robertson, Principals VitroRobertson  
1998 Tom DiZinno, President DiZinno Thompson Integrated Marketing Solutions  
1999 Candice Lopez, Graphic Design Professional & Graphic Design Professor San Diego City College  
2001 Howard Oleff, Business Development Consultant at KGTV and Advertising Professor San Diego State University  
2002 Sharon Massey, Director of Marketing San Diego Radio Broadcasters Assoc.  
2003 MaeLin Levine, Principal & Creative Director Visual Asylum  
2004 Gerry Wilson, President Better Business Bureau  
2005 Nick Lambesis The Lambesis Agency  
2006 Bev Oster Oster & Associates  
2007 Paul Palmer San Diego Big Brothers/Big Sisters  
2008 Weldon Donaldson KFMB  
2009 Alan Shaw National Multiple Sclerosis Society  
2010 Bob Cerasoli Cerasoli/Stafford Media Management LLC (San Diego)  
2011 Janet Dahle, Loma Media  
2012 Ron Miriello, Miriello Graphico

## Ad Club Principles

We provide members with the competitive advantage of tools and skills that help advance their careers, help their companies grow, and help their customers get better results.

We leverage the collective strength of the advertising industry (both professional and students) to make San Diego one of the best places for advertising in the nation.

We set the pace of professionalism for the industry, winning national recognition and awards from the American Advertising Federation (AAF).

## Latest Tweets

RT @bgindra: Thanks @sandiegoadclub for allowing me to be a part of today's Multi-Channel panel. Love getting the gray matter in motion!— *5 days 17 hours ago*

Full house this morning! #sdadclub @theideabrand @valueclickmedia @Qualcomm @SonyElectronics <http://t.co/sNKXzAwSTX>— *6 days 6 min ago*

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**Michael Warburton**

**Company:**

San Diego Zoo Global

**Member Since:**

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**Background: NSF grant: NSF 13-535: Water Sustainability and Climate (WSC)**

Agenda Item: Discussion and potential approval of participation with Steele/Burnand Center regarding National Science Foundation (NSF) Water Grant.

A group familiar with and successful with the NSF grant process associated w/ Steele/Burnand has decided to pursue a National Science Foundation (NSF) grant: NSF 13-535: Water Sustainability and Climate (WSC) ([http://www.nsf.gov/pubs/2013/nsf13535/nsf13535.htm?WT.mc\\_id=USNSF\\_25&WT.mc\\_ev=click](http://www.nsf.gov/pubs/2013/nsf13535/nsf13535.htm?WT.mc_id=USNSF_25&WT.mc_ev=click)).

The Steele/Burnand Anza-Borrego Desert Research Center, University of California, Irvine (see <http://nrs.ucop.edu/reserves/anza-borrego/anza-borrego.htm>) has agreed to be the **Submitting Organization** with **Participating Organizations including:** Anza-Borrego Desert State Park (ABDSP), Anza-Borrego Foundation (ABF), Borrego Water District (BWD), and Borrego Water Coalition (BWC).

**Participating Organizations** agree to: (a) submit one paragraph letter in "NSF-ese" affirming the District's support of the proposal--"We like it. We think it is a good idea. We will participate in the meetings that shape the research," (b) access to any District data applicable to the research objectives, and (c) "other help" that would include shaping the direction of the research itself via meetings with the academicians and the other stakeholders.

**This is "place-based research."** thus, it would be important for the District, as one of the major stakeholders in the valley, to agree to participate with Steele/Burnand as the District's participation could be critical to the success of any proposal to the NSF. Since the meetings represent a time commitment, this project is probably best addressed through the District's committee structure. The proposal is due September 10, 2013.

**Proposal Opportunity:** Value of economic analysis for basin management planning that was proposed in R2 ABD-IRWM grant proposal denied by DWR:

Q: (1) where are we presently along the cost curve of Option A?

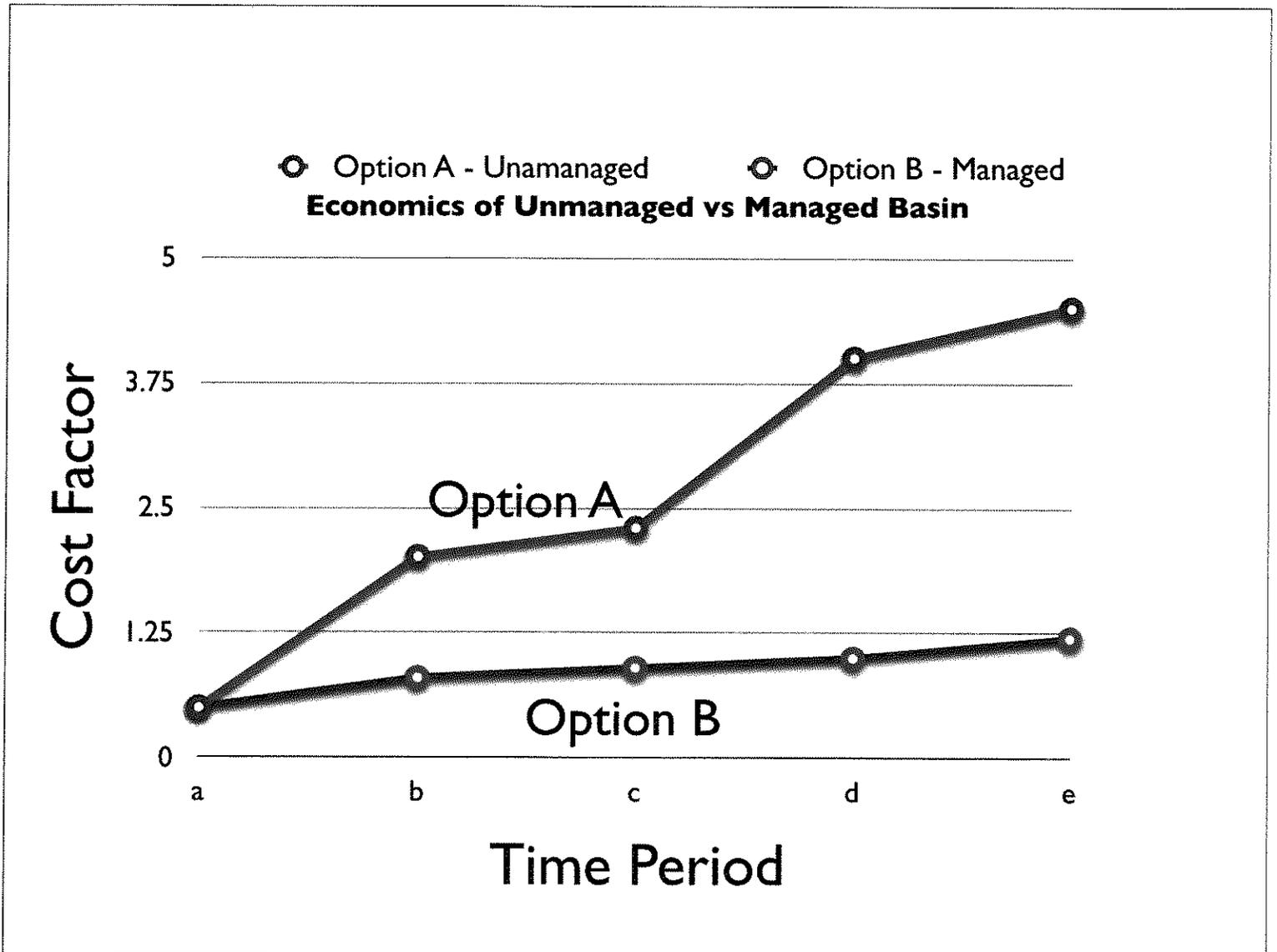
(2) what is the periodicity of the time span between time a >> b? (i.e. 13-20 yrs as has been suggested by QT experts, or longer?)

(3) how much capital is required, over what time period to move from Option A to Option B cost curve in the most economically advantageous manner (cost/benefit; change management gets more expensive over time, not less expensive)?

Reality: (a) at some point along Option A cost curve, it becomes no longer possible to move from Option A to Option B cost curve;

(b) mirror image of these cost curves are land & real property values that decline over time as one follows the Option A cost curve forward (i.e. land valued at \$7,000/ac today at some point becomes valued at <\$1,000/ac tomorrow)

(c) largest economic impact may be on ABDSP visitation that today generates about \$40 million in annual cash flow to region (primarily San Diego County) and park's desert ecosystems under protection of DPR that have an imputed monetized value of about 1 billion dollars based on net annual cash flow to region.



## Adjudication workshop agenda item

Agenda Item: Discussion and possible approval of a workshop regarding the costs/benefits of an adjudication process as a means for establishing an authority to manage the Borrego Valley Groundwater Basin led by Thomas Bunn, III, Lagerlof, Senecal, Gosney, & Kruse on Wednesday, June 19<sup>th</sup> 1:00 PM – 3:00 PM at the District's offices.

Arranged by Ray Shindler et. al. after Board discussion on 04/16/2013. Proposed workshop leader paid for by private donations:

**Thomas S. Bunn III** has been an attorney with Lagerlof, Senecal, Gosney & Kruse, LLP, for more than 30 years. He practices business law and business litigation, with emphasis on water and water rights, public agencies, real estate, commercial transactions and bankruptcy.

In water matters, Mr. Bunn represents both public agencies and private clients, with special expertise in groundwater, water rights and water transfers. He has participated in the negotiation and implementation of groundwater management plans, and represents water producers in litigation, including groundwater basin adjudications, and before the State Water Resources Control Board. He represented Western Water Company in a groundbreaking water transfer, marking the first time that the Metropolitan Water District exchanged water with a private company for delivery within its service area.

Mr. Bunn serves on the Groundwater Committee of ACWA (Association of California Water Agencies). He participated in drafting the Groundwater Management Act (AB 3030), which allows for local control and management of groundwater.

<http://www.lagerlof.com/municipal-water-law-firm.htm>

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**BORREGO WATER DISTRICT**

**FISCAL YEAR 2013-2014**

**ANNUAL BUDGET**

**April 24, 2013**

**SUBMITTED BY:**

**JERRY ROLWING  
GENERAL MANAGER**

**TO:**

**BOARD OF DIRECTORS**

**BETH HART  
PRESIDENT**

**LYLE BRECHT  
VICE-PRESIDENT**

**MARSHAL BRECHT  
SECRETARY/TREASURER**

**LEE ESTEP  
DIRECTOR**

**RAYMOND DELAHAY  
DIRECTOR**

**FISCAL YEAR 2013-2014  
ANNUAL BUDGET  
APRIL 24, 2013**

**TABLE OF CONTENTS**

COVER PAGE.....1

TABLE OF CONTENTS.....2

SUBMITTAL LETTER.....3

BUDGET RESOLUTION .....4

BUDGET CASH FLOW FY 2013 .....6

CONDENSED BUDGET FY 2013 .....9

CAPITAL IMPROVEMENTS PLAN.....10

CASH RESERVES POLICY .....16

FIVE YEAR NET INCOME AND WORKING CAPITAL PROJECTION .....18

PROPOSED RATES SCHEDULE.....19



# **BORREGO WATER DISTRICT**

April 24, 2013

Board of Directors:

This Fiscal Year 2013-2014 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 2014 consolidated budget package represent management's best assessment of a "bare-bones" budget to successfully accomplish the District's goals and priorities for FY 2014. This budget document will be used as a guideline to address the dynamics of the District's operations and the economic challenges of returning the District's present finances to a sustainable state.

The budget shows total revenues for FY 2014 projected to be approximately \$3,550,049. This represents a projected revenues increase of 6% from FY 2013 projected actual revenues. The FY 2014 projected revenues assumes an approximately 19% increase from FY 2013 base and commodity water rates. FY 2014 O&M expenses are projected to be approximately \$2,383,123. Non O&M expenses (including CIP costs) for FY 2014 are projected to be approximately \$636,700.

Included in this budget package is the proposed Board Resolution to adopt and approve the FY 2014 budget; a detailed revenue and expense budget; CIP budget with associated justification from the District's consulting engineer; the District's reserves policy; and a cash flow analysis of the proposed rate increases.

Thank you for your consideration.

Sincerely,

Jerry Rolwing  
General Manager





	C	E	AB	AF	AK	AL	AM	AN	AP
1									
2									
3									
4	<b>BWD CASH FLOW</b>								
5	<b>BUDGET</b>	<b>ADOPTED</b>	<b>ADOPTED</b>	<b>YTD + PROJ MONTHS&gt;&gt;</b>	<b>PROPOSED</b>	<b>19%</b>	<b>14%</b>	<b>METER FEE</b>	
6	<b>FY 2014</b>	<b>BUDGET</b>	<b>BUDGET</b>	<b>PROJECTED</b>	<b>BUDGET</b>	<b>Budget</b>	<b>Net</b>	<b>15%</b>	<b>DECREASED TO</b>
7		<b>2011-2012</b>	<b>2012-2013</b>	<b>2012-2013</b>	<b>2013-2014</b>	<b>Increase</b>	<b>Increase</b>	<b>15%</b>	<b>10%</b>
8	<b>REVENUE</b>							<b>Increase</b>	<b>Increase</b>
9	<b>WATER REVENUE</b>								
10	Residential Water Sales (Assume no water use on Montezoro GC)	424,312	797,310	721,789	721,798	137,142	101,052	101,052	101,052
11	Commercial Water Sales	98,000	112,548	101,615	100,354	19,067	14,050	14,050	14,050
12	Irrigation Water Sales	99,000	134,297	128,653	127,750	24,273	17,885	17,885	17,885
13	GWM Surcharge	94,000	103,204	91,043	90,096	17,118	12,613	12,613	12,613
14	Water Sales Power Portion	277,000	331,621	299,636	295,533	56,151	41,375	41,375	41,375
15	Readiness Water Charge	635,000	888,046	947,777	941,263	178,840	178,840	141,189	94,126
16	Readiness Water Charge - Liened properties		0	32,211	35,852	6,774	6,774	5,348	3,565
17	Meter Installation	40,000	0	-	0	0	0	0	0
18	Water hook-up charge	0	0	-	0	0	0	0	0
19	Reconnect Fees	6,500	11,000	9,860	6,900	0	0	0	0
20	Backflow Testing/Installation	3,300	5,000	4,550	4,575	0	0	0	0
21	Bulk Water Sales	1,200	3,570	7,017	6,235	0	0	0	0
22	Penalty & Interest Water Collection	24,000	32,252	13,223	12,197	0	0	0	0
23	<b>TOTAL WATER REVENUE:</b>	<b>1,702,312</b>	<b>2,516,848</b>	<b>2,357,373</b>	<b>2,342,254</b>	<b>439,365</b>	<b>372,588</b>	<b>333,512</b>	<b>284,666</b>
24				<b>2,357,373</b>					
25	<b>PROPERTY ASSESSMENTS/AVAILABILITY CHARGES</b>					<b>13.75%</b>		<b>10.00%</b>	<b>5.00%</b>
26	641500 1% Property Assessments	89,080	68,174	63,179	63,179				
27	641502 Property Assess wtr/swr/flid (679 parcels \$86 ea(44,814))	45,000	24,985	26,248	26,821				
28	641502/641503 Prop Assess. (Allowance for bad debt (\$458,908))	0	0	-	0				
29	641501 Water avail Standby	82,673	78,918	89,628	89,641				
30	641504 ID 3 Water Standby (361 parcels \$37.70 parcel (13,809.7))	13,609	13,609	-	0				
31	641504 ID 3 Water Standby--(La Casa-2 parcels= \$20,150)	20,150	19,495	45,711	45,821				
32	641503 Pest standby	17,953	14,183	16,994	17,025				
33	<b>TOTAL PROPERTY ASSES/AVAIL CHARGES:</b>	<b>248,465</b>	<b>219,364</b>	<b>241,760</b>	<b>242,487</b>				
34				<b>241,760</b>					
35	<b>SEWER SERVICE CHARGES</b>								
36	Town Center Sewer Holder's Fees	180,140	180,144	173,277	168,000				
37	Town Center Sewer User Fees			15,800	37,920				
38	Sewer user Fees	221,400	309,790	277,612	264,000	36,300	36,300	26,400	13,200
39	Sewer-liened		0	1,072	3,216				
40	Penalty Interest-Sewer	1,800	1,200	1,190	1,200				
41	Sewer Capacity Fees	12,138	0	-	0				
42	<b>TOTAL SEWER SERVICE CHARGES:</b>	<b>415,478</b>	<b>491,134</b>	<b>468,951</b>	<b>474,336</b>	<b>36,300</b>	<b>36,300</b>	<b>26,400</b>	<b>13,200</b>
43				<b>468,951</b>					
44	<b>OTHER INCOME</b>								
45	Rent Income-Antilles wireless	7,715	7,715	8,022	4,800				
46	Annexation Fees	0	0	-	0				
47	Fire Hydrant Installation	5,000	0	-	0				
48	Miscellaneous Income (net csd fee/JPIA rebate)	5,000	13,000	8,218	10,320				
49	Administrative Fee-Water Credits	5,000	1,000	-	0				
50	Gain on asset sold -Sale of Package Plant	1,500	0	36,000	0				
51	Sale of Clark Dry Lake Property/Communication tower			217,335	0				
52	Stag Grant	125,000	0	-	0				
53	Interest Income	1,550	200	153	187				
54	<b>TOTAL OTHER INCOME:</b>	<b>150,765</b>	<b>21,915</b>	<b>269,729</b>	<b>15,307</b>				
55				<b>269,729</b>					
56	<b>TOTAL INCOME:</b>	<b>2,517,020</b>	<b>3,249,262</b>	<b>3,337,812</b>	<b>3,074,384</b>	<b>3,550,049</b>	<b>3,483,273</b>	<b>3,434,296</b>	<b>3,372,250</b>
57				<b>3,337,812</b>					
58	<b>CASH BASIS ADJUSTMENTS</b>								
59	Decrease (Increase) in Accounts Receivable		0	6,759					
60	CC Golf Equipment receivable		2,268	2,269	2,270				
61	Other Cash Basis Adjustments-Coljen LMTD deposit			28,475	0				
62	<b>TOTAL CASH BASIS ADJUSTMENTS:</b>	<b>0</b>	<b>2,268</b>	<b>37,503</b>	<b>2,270</b>				
63									
64	<b>TOTAL INCOME RECEIVED:</b>	<b>2,517,020</b>	<b>3,251,530</b>	<b>3,375,315</b>	<b>3,076,654</b>	<b>3,550,049</b>	<b>3,483,273</b>	<b>3,434,296</b>	<b>3,372,250</b>

	C	E	AB	AF	AK	AL	AM	AN	AP
4	<b>BWD CASH FLOW</b>								<b>METER FEE</b>
5	<b>BUDGET</b>	<b>ADOPTED</b>	<b>ADOPTED</b>	<b>YTD + PROJ MONTHS&gt;&gt;</b>	<b>PROPOSED</b>	<b>19%</b>	<b>14%</b>	<b>DECREASED TO</b>	
6	<b>FY 2014</b>	<b>BUDGET</b>	<b>BUDGET</b>	<b>PROJECTED</b>	<b>BUDGET</b>	<b>Budget</b>	<b>Net</b>	<b>15%</b>	<b>10%</b>
7		<b>2011-2012</b>	<b>2012-2013</b>	<b>2012-2013</b>	<b>2013-2014</b>	<b>Increase</b>	<b>Increase</b>	<b>Increase</b>	<b>Increase</b>
65	<b>EXPENSES</b>								
66									
67	<b>MAINTENANCE EXPENSE</b>								
68	R & M Buildings & Equipment	110,000	130,000	113,660	130,000				
69	R & M - WWTP	35,000	60,000	38,414	40,000				
70	Telemetry	20,000	15,000	8,975	10,000				
71	Trash Removal	7,500	3,600	3,725	3,655				
72	Vehicle Expense	17,000	12,000	20,947	18,000				
73	Fuel & Oil	38,000	35,000	32,882	33,000				
74	<b>TOTAL MAINTENANCE EXPENSE:</b>	<b>227,500</b>	<b>255,600</b>	<b>218,603</b>	<b>234,655</b>				
75				218,603					
76	<b>PROFESSIONAL SERVICES EXPENSE</b>								
77	Accounting (Tausig)	8,000	4,000	1,916	1,500				
78	Administrative Services (ADP/Bank Fees)	4,000	5,000	5,461	6,000				
79	Audit Fees	26,000	25,000	25,963	14,439				
80	Computer billing	12,000	9,000	9,973	9,000				
81	Consulting/Technical	25,000	1,500	166	200				
82	Engineering	25,000	10,000	5,433	25,200				
83	Legal Services	60,000	10,000	16,465	15,000				
84	Testing/lab work	25,000	28,000	21,616	18,000				
85	Regulatory Permit Fees	45,000	45,000	39,834	42,000				
86	<b>TOTAL PROFESSIONAL SERVICES EXPENSE:</b>	<b>230,000</b>	<b>138,500</b>	<b>126,827</b>	<b>131,339</b>				
87				126,827					
88	<b>INSURANCE/INTEREST EXPENSE</b>								
89	ACWA Insurance	102,774	72,000	71,198	73,650				
90	Workers Comp	20,000	19,200	19,005	18,800				
91	Interest-COP 2008/Well 12 Purchase Agreement	194,875	225,072	225,071	219,313				
92	<b>TOTAL INSURANCE/INTEREST EXPENSE:</b>	<b>317,649</b>	<b>316,272</b>	<b>315,274</b>	<b>311,763</b>				
93				315,274					
94	<b>PERSONNEL EXPENSE</b>								
95	Board Meeting Expense (board stipend/board secretary)	22,000	9,130	9,570	12,870				
96	Salaries & Wages (gross)	828,918	825,000	841,060	831,000				
97	Taxes on Payroll	32,930	19,251	19,960	19,645				
98	Medical Insurance Benefits	232,733	223,000	219,092	232,839				
99	Calpers Retirement Benefits	178,000	177,240	174,773	193,500				
100	Salaries & Wages contra account	(18,000)	(24,000)	(11,320)	(12,870)				
101	Conference/Conventions/Training/Seminars	10,500	7,500	9,305	7,600				
102	<b>TOTAL PERSONNEL EXPENSE:</b>	<b>1,285,081</b>	<b>1,237,121</b>	<b>1,262,440</b>	<b>1,284,484</b>				
103				1,262,440					
104	<b>OFFICE EXPENSE</b>								
105	Office Supplies	20,000	18,000	20,195	18,000				
106	Office Equipment/ Rental/Maintenance Agreements	32,500	26,000	28,959	25,400				
107	Postage & Freight	11,000	11,000	12,166	13,000				
108	Taxes on Property	2,291	2,300	2,150	2,150				
109	Telephone/Answering Service	16,700	8,500	8,004	8,400				
110	Bad Debt Collection	4,000	1,000	7,591	720				
111	Dues & Subscriptions	8,000	5,000	4,785	4,400				
112	Printing, Publications & Notices	5,000	1,500	2,440	747				
113	Uniforms	7,000	6,500	6,314	7,177				
114	Osha Requirements/Emergency preparedness	7,500	5,000	1,695	4,842				
115	<b>TOTAL OFFICE EXPENSE:</b>	<b>107,991</b>	<b>84,800</b>	<b>94,299</b>	<b>84,838</b>				
116				94,299					
117	<b>UTILITIES EXPENSE</b>								
118	Pumping-Electricity	320,000	330,000	317,518	310,393				
119	Office/Shop Utilities	15,000	16,000	16,638	16,875				
120	Cellular Phone	10,000	9,000	9,208	8,777				
121	<b>TOTAL UTILITIES EXPENSE:</b>	<b>345,000</b>	<b>355,000</b>	<b>343,363</b>	<b>336,045</b>				
122				343,363					
123	<b>TOTAL EXPENSES:</b>	<b>2,513,221</b>	<b>2,387,292</b>	<b>2,360,805</b>	<b>2,383,123</b>	<b>2,383,123</b>	<b>2,383,123</b>	<b>2,383,123</b>	<b>2,383,123</b>
124				2,360,805					
125	<b>CASH BASIS ADJUSTMENTS</b>								
126	Decrease (Increase) in Accounts Payable		0	(4,525)					
127	Increase (Decrease) in Inventory		0	21,432					
128	Other Cash Basis Adjustments-Mesquite trails deposit expense			543					
129	<b>TOTAL CASH BASIS ADJUSTMENTS:</b>		<b>0</b>	<b>17,450</b>					
130									
131	<b>TOTAL EXPENSES PAID:</b>	<b>2,513,221</b>	<b>2,387,292</b>	<b>2,378,254</b>	<b>2,383,123</b>	<b>2,383,123</b>	<b>2,383,123</b>	<b>2,383,123</b>	<b>2,383,123</b>
132									
133	<b>NET CASH FLOW (O&amp;M)</b>	<b>3,799</b>	<b>864,237</b>	<b>997,061</b>	<b>693,531</b>	<b>1,166,926</b>	<b>1,100,150</b>	<b>1,051,173</b>	<b>989,127</b>

	C	E	AB	AF	AK	AL	AM	AN	AP
4	BWD CASH FLOW								
5	BUDGET	ADOPTED	ADOPTED	YTD + PROJ MONTHS>>	PROPOSED	19%	14%	METER FEE	
6	FY 2014	BUDGET	BUDGET	PROJECTED	BUDGET	Budget	Net	DECREASED TO	
7		2011-2012	2012-2013	2012-2013	2013-2014	Increase	Increase	15%	10%
								Increase	Increase
134	<b>NON O &amp; M EXPENSES</b>								
135	USGS Basin study (\$98,055 balance)	131,500	131,035	121,169	7,700				
136	GWM Planning Costs - legal	14,000	25,000	14,682	30,000				
137	Integrated Regional Water Management Plan/Staff time	53,000	0	2,695	0				
138	STAG/LGA Grant/Staff time	40,000	0	923	0				
139	Viking Ranch Purchase	69,000	0	69,000	0				
140	Viking Ranch Purchase RESERVE		100,000	-	100,000				
141	GWM/ABD-IRWM Legal Expenses	10,000	0	2,287	0				
142	Contingency for possible well pump/motor failure	60,000	62,000	195,040	0				
143	Rams Hill #1 1980 steel needs inside coating, 1.25mg	150,000	200,000	104,590	100,000				
144	800 Tank		0	126,000					
145	Twin Tanks, 1970's-inside coating (rescheduled into 2013-2014)	40,000	0	-	40,000				
146	Pickup	0	15,000	15,500	0				
147	ID4, Reducing Station design and installation	0	25,000	-	20,000				
148	Fairway Lane pipeline (excludes BWD labor)	0	60,000	60,000	0				
151	Concrete replacement-WWTP		10,000	10,000	10,000				
152	Rework drying bed material-WWTP		43,000	43,830	0				
153	Roof replacement for Lugo building/repairs		10,000	10,000	5,000				
154	Pipeline-Country Club Road Booster Sta #3 south to Slash M			-	154,000				
155	Fire Hydrant Replacements			-	12,000				
156	Rewind motors-ID 4-11/ID4-18/ID1-10			-	35,000				
157	ID 1-16 pump and casing cleaning			-	60,000				
158	WWTP-Shredder Cutters/Motor & Gear reducers/return pump			-	28,000				
159	WWTP-Video Collection Lines			-	10,000				
160	WWTP-Sewer Vacuum Trailer			-	25,000				
161	<b>TOTAL NON O&amp;M EXPENSES</b>	<b>596,581</b>	<b>681,035</b>	<b>775,715</b>	<b>636,700</b>	<b>636,700</b>	<b>636,700</b>	<b>636,700</b>	<b>636,700</b>
162				<b>775,715</b>					
163	<b>CASH RECAP</b>								
164	Cash beginning of period	779,356	899,435	899,435	1,120,780	1,120,780	1,120,780	1,120,780	1,120,780
165	Net Cash Flow (O&M)	3,799	864,237	997,061	693,531	1,166,926	1,100,150	1,051,173	989,127
166	Total Non O&M Expenses	(596,581)	(881,035)	(775,715)	(636,700)	(636,700)	(636,700)	(636,700)	(636,700)
167	Transfer To/From Reserves	0		0					
168	<b>CASH AT END OF PERIOD</b>	<b>186,574</b>	<b>1,082,637</b>	<b>1,120,780</b>	<b>1,177,611</b>	<b>1,651,006</b>	<b>1,584,230</b>	<b>1,535,253</b>	<b>1,473,207</b>
169	Cash allocated for Viking reserves			(100,000)	(200,000)	(204,000)	(204,000)	(204,000)	(204,000)
170	Coljen LMTD deposit net expenditures			(28,475)					
171	<b>CASH AFTER ALLOCATION FOR RESERVES/DEPOSIT</b>			<b>992,305</b>	<b>977,611</b>	<b>1,447,006</b>	<b>1,380,230</b>	<b>1,331,253</b>	<b>1,269,207</b>
172									
173									
174	<b>RESERVES</b>	<b>TARGET</b>	<b>TARGET</b>		<b>TARGET</b>				
175	Working Capital (3 months)	629,555	600,000		600,000				
176	Contingency (3%)	75,546	72,000		80,000				
177	Asset replacement	114,791	115,000		160,000				
178	Emergency	2,500,000	2,500,000		2,500,000				
179	Viking Ranch		100,000		200,000				
180	<b>TOTAL RESERVES</b>	<b>3,319,892</b>	<b>3,387,000</b>		<b>3,540,000</b>				

	B	C	D	E	F
4		<b>BWD</b>			
5		<b>INCOME/EXPENSE</b>			
6		<b>CONSOLIDATED BUDGET</b>			
7		<b>FY 2014</b>			
8					
9					
10					
11					
12					
13		<b>TOTAL</b>			
14		<b>BUDGET</b>	<b>WATER</b>	<b>ID4-WATER</b>	<b>SEWER</b>
15	<b>REVENUE</b>				
16					
17	Water Sales	2,691,522	1,076,609	1,614,913	
18	GWM Surcharge	90,096	36,039	54,058	
20	1% Property Assessments/641502	63,179	25,272	37,907	
21	Water Availability Standby-Admin-6415-01	179,308	71,723	89,654	17,931
22	Sewer Revenue	510,636			510,636
25	Interest Income	187	64	94	30
30	Other Income	15,120	5,141	7,560	2,419
31	<b>TOTAL PROPOSED INCOME FY 2014:</b>	<b>3,550,049</b>	<b>1,214,847</b>	<b>1,804,186</b>	<b>531,016</b>
33					
34					
35	<b>EXPENSE</b>				
36					
37	Repairs & Maintenance	234,655	80,300	119,255	35,100
38	Professional Services	131,339	44,945	66,748	19,646
39	Insurance	73,650	25,203	37,430	11,017
40	Personnel Expense	850,645	291,095	432,310	127,239
41	Employee Benefits	452,639	154,896	230,038	67,706
42	Office expense	84,838	29,032	43,116	12,690
43	Utilities	336,045	114,997	170,783	50,266
44	Interest Expense-COP 2008	219,313	70,000	149,313	-
45	<b>TOTAL PROPOSED EXPENSE FY 2014:</b>	<b>2,383,123</b>	<b>810,468</b>	<b>1,248,993</b>	<b>323,663</b>
46					
47	<b>NET INCOME (EXPENSE):</b>	<b>1,166,926</b>	<b>404,379</b>	<b>555,194</b>	<b>207,353</b>
48					
49	<b>TOTAL NON O &amp; M EXPENSE:</b>	<b>636,700</b>	<b>\$ 217,882</b>	<b>\$ 323,580</b>	<b>\$ 95,238</b>
50					
51	<b>TOTAL NET CASH FLOW FY 2014:</b>	<b>530,226</b>	<b>186,496</b>	<b>231,613</b>	<b>112,116</b>

## MEMORANDUM

**DATE:** April 24, 2013

**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 \$1,000.00 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 presently needs resurfacing. One of our five bolted steel (galvanized) tanks will need inside coating in this year. As internal inspections warrant, tanks will be coated in future years. We have two (one domestic and one irrigation) reservoirs that are fitted with a hyperlon bladder. These bladders need periodic replacements and the costs are based on previous installations. The remaining six reservoirs were constructed with galvanized metal which historically has proven to be compatible with the constituents in our local groundwater.

## **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 who has been with the District for 25 years. 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. There are no provisions for reclaiming water (tertiary treatment) in this plan since that is based solely on population expansion to justify the change in operation.

## **Equipment**

These costs are based on normal wear and tear on District vehicles and equipment.

## **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**

Included in the budget are scheduled payments for the Viking Ranch fallowing project. The payment plan calls for payments of \$270,750 in fiscal year 2015-2016, \$224,936 in fiscal year 2016-2017, and quarterly payments of \$20,228.82 over the following 25 years.

4/9/13

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 2013 dollars) of these improvements are reasonable for planning purposes.

If you have any questions please contact me.

Regards,



David Dale, PE, PLS  
Contract Engineer

Capital Improvements Program - Fiscal Years 2012 through 2022

BORRERO WATER DISTRICT

	1 Yr	2 Yr	3 Yr	4 Yr	5 Yr	6 Yr	7 Yr	8 Yr	9 Yr
<b>Wells, Booster Stations, Reservoirs and Associated Transmission Mains</b>									
Wilcox Reservoir, 2.0 MG					\$ 1,300,000				
Wilcox Related Transmission Mains					\$ 2,000,000				
Wilcox Booster Station/Forebay					\$ 400,000				
New well north end of Valley							\$ 400,000		
Transmission mains for new well							\$ 100,000		
Indianhead Reservoir, 0.5 MG								\$ 375,000	
Indianhead Transmission Mains								\$ 800,000	
Water Treatment Facility (phase 1)									\$ 500,000
Water Treatment Facility (phase 2)									
<b>Wastewater Plant</b>									
Re-build concrete structures	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000
Dispose of Sludge Stockpile				\$ 10,000					
<b>Pressure Reducing Stations</b>									
ID4, Reducing Sta. design and installation	\$ 20,000								\$ 25,000
ID4, Reducing Sta. design and installation				\$ 25,000					
ID5, Reducing Sta. design and installation, Borrego Valley Rd.					\$ 25,000				
<b>Pipelines</b>									
Borrego Springs Rd, Weatheravane Dr. to Barrel Dr.	1 Yr	2 Yr	3 Yr	4 Yr	5 Yr	6 Yr	7 Yr	8 Yr	9 Yr
Borrego Springs Rd, Walking H Dr. to Tilling T Dr.		\$ 112,500							
Borrego Springs Rd, Tilling T Dr. to Country Club Rd. First half			\$ 162,750						
Borrego Springs Rd, Tilling T Dr. to Country Club Rd. Second half				\$ 142,500					
Borrego Springs Rd, Christmas Circle to Diamond Bar Dr.					\$ 135,000	\$ 78,000			
Borrego Springs Rd, Diamond Bar Dr. to T Anchor Dr.									
Borrego Springs Rd, Christmas Circle loop									
Borrego Springs Rd, Upgrade 6" to 10" Country Club Rd. to San Pablo Rd.									
Borrego Springs Rd, Upgrade 8" to 10" 660' north of Weatheravane Dr.								\$ 61,650	\$ 165,000
Country Club Road from Booster Sta #3 south to Slash M Rd.	\$ 154,000								
Borrego Valley Rd. South of Tilling T - Hold for engineering study									
Circle J Dr.		\$ 108,000							
Bending Elbow Rd. Second half			\$ 102,000						
Double O				\$ 180,000					
Club Circle East					\$ 105,000				
Club Circle West						\$ 105,000			
De Anta Dr. 1600 block							\$ 75,000		
Pointing Rock Dr/Montezuma Rd Loop First half									
Pointing Rock Dr/Montezuma Rd Loop Second half								\$ 93,840	
Country Club Road from Tilling T Dr. south to Booster Sta #3									
<b>Other Infrastructure</b>									
Fire Hydrant Replacements (three hydrants per year)	\$ 12,000	\$ 12,000	\$ 12,000	\$ 12,000	\$ 12,000	\$ 12,000	\$ 12,000	\$ 12,000	\$ 12,000
Repairs to Stirrup Road commercial property	\$ 5,000	\$ 5,000		\$ 5,000					
<b>Groundwater Management</b>									
Viking Ranch Flowing									
<b>TOTAL - CAPITAL IMPROVEMENTS PROGRAM</b>	\$ 201,000	\$ 247,500	\$ 436,750	\$ 465,415	\$ 4,042,915	\$ 310,915	\$ 796,415	\$ 1,433,345	\$ 896,755
<b>TOTAL - SHORT LIVED ASSETS (FROM SHEET 2)</b>	\$ 208,000	\$ 164,000	\$ 244,500	\$ 191,000	\$ 193,000	\$ 156,000	\$ 187,000	\$ 234,500	\$ 273,000
<b>Total CIP and Short Lived Assets</b>	\$ 409,000	\$ 411,500	\$ 681,250	\$ 656,415	\$ 4,235,915	\$ 466,915	\$ 983,415	\$ 1,667,845	\$ 1,169,755

CAPITAL IMPROVEMENT PROGRAM - SHORT LIVED ASSETS FISCAL YEAR 2012 THROUGH 2022

BORRIGO WATER DISTRICT

A		B	C	D	E	F	G	H	I	J
		1 yr	2 yr	3 yr	4 yr	5 yr	6 yr	7 yr	8 yr	9 yr
1	Wells									
2	ID1-1, replace 40 Hp submersible pump, clean casing									
3	ID1-2, replace 40 Hp submersible pump									
4	ID1-8, 125 Hp, rewind motor in yr 2,8 pump and casing cleaning in yr 6	\$ 10,000	\$ 10,000	\$ 10,000	\$ 60,000	\$ 40,000	\$ 10,000	\$ 10,000	\$ 15,000	\$ 50,000
5	ID1-10, 150 Hp, rewind motor in yr 1,7 pump and casing cleaning in yr 3,9	\$ 10,000	\$ 15,000	\$ 50,000	\$ 60,000	\$ 20,000	\$ 10,000	\$ 10,000	\$ 15,000	\$ 50,000
6	ID1-12, 200 Hp, rewind motor in yr 2,8 pump and casing cleaning in yr 4,10	\$ 60,000	\$ 15,000	\$ 50,000	\$ 60,000	\$ 20,000	\$ 10,000	\$ 10,000	\$ 15,000	\$ 50,000
7	ID1-16, 300 Hp, pump and casing cleaning in yr 1,8 rewind motor in yr 5,10	\$ 60,000	\$ 10,000	\$ 10,000	\$ 50,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 50,000
8	Wilcox, Diesel drive									
9	ID4-4, 150 Hp, rewind motor in yr 2,7 pump and casing cleaning in yr 6,9	\$ 15,000	\$ 10,000	\$ 10,000	\$ 50,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 50,000
10	ID4-10, replace 30 Hp submersible yr 3 and yr 8	\$ 15,000	\$ 10,000	\$ 10,000	\$ 50,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 50,000
11	ID4-11, 200 Hp, rewind motor	\$ 10,000	\$ 10,000	\$ 10,000	\$ 50,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 50,000
12	ID4-18, 100 Hp, rewind motor in yr 1,6 pump and casing cleaning in yr 2,7	\$ 10,000	\$ 10,000	\$ 10,000	\$ 50,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 50,000
13	ID5-5, 200 Hp, rewind motor in yr 2,7 pump and casing cleaning in yr 5,10	\$ 15,000	\$ 10,000	\$ 10,000	\$ 50,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 50,000
14										
15	Tanks									
16	Rams Hill #1, 1980 steel, needs inside coating, 1.25 MG*									
17	Rams Hill #2, 1980 galv. 0.44 MG, repairs									
18	800 Tank, Hyperion .75 MG									
19	Reclaim #1, 1985, galv repaired 2010 0.4 MG									
20	Reclaim #2, Hyperion 2007, 1 MG, reconfigure plumbing									
21	Indianhead, 1970's 1-0.22MG, inside coating									
22	Twin Tanks, 1970's 2-0.22 MG, inside coating #1 in yr 1, #2 in yr 4	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 100,000
23	Country Club, 1999 1.0 MG									
24										
25	Booster/Pressure Reducing Sta.									
26	ID1, Booster Sta. 1, #1, 30 Hp, motor yr 2, pump yr 6	\$ 4,000	\$ 4,000	\$ 4,000	\$ 15,000	\$ 6,000	\$ 6,000	\$ 6,000	\$ 6,000	\$ 15,000
27	ID1, Booster Sta. 1, #2, 30 Hp, motor yr 3, pump yr 7	\$ 4,000	\$ 4,000	\$ 4,000	\$ 15,000	\$ 6,000	\$ 6,000	\$ 6,000	\$ 6,000	\$ 15,000
28	ID1, Booster Sta. 1, #3, 50 Hp, motor yr 4 pump yr 8									
29	ID1, Booster Sta. 2, #4, 30 Hp, motor yr 2, pump yr 5									
30	ID1, Booster Sta. 2, #5, 30 Hp, motor yr 3, motor yr 4									
31	ID1, Booster Sta. 2, #6, 50 Hp, motor yr 2, pump yr 8	\$ 4,000	\$ 4,000	\$ 4,000	\$ 15,000	\$ 6,000	\$ 6,000	\$ 6,000	\$ 6,000	\$ 15,000
32	ID4, Booster Sta. 3, #7, 25 Hp, motor yr 2, 8 pump yr 6,10	\$ 4,000	\$ 4,000	\$ 4,000	\$ 15,000	\$ 6,000	\$ 6,000	\$ 6,000	\$ 6,000	\$ 15,000
33										
34	Wastewater Plant									
35	Shredder Cutters	\$ 6,000	\$ 6,000	\$ 6,000	\$ 6,000	\$ 6,000	\$ 6,000	\$ 6,000	\$ 6,000	\$ 6,000
36	Motor and Gear Reducers for Brushes	\$ 16,000	\$ 16,000	\$ 16,000	\$ 16,000	\$ 16,000	\$ 16,000	\$ 16,000	\$ 16,000	\$ 16,000
37	Wastewater Return Pump	\$ 6,000	\$ 6,000	\$ 6,000	\$ 6,000	\$ 6,000	\$ 6,000	\$ 6,000	\$ 6,000	\$ 6,000
38	Surface Aerator Motor									
39	Video Collection Lines	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000
40										
41	Equipment	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000
42	Sewer Vacuum Trailer									
43	Tractor repair/roadwork blade									
44	Backhoe									
45	Pickups									
46	Big Truck									
47	Misc. Equipment	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000
48	Computers/Office Equipment	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000
49										
50	SHORT LIVED ASSETS REPLACEMENT PROGRAM	\$ 208,000	\$ 164,000	\$ 244,500	\$ 191,000	\$ 193,000	\$ 156,000	\$ 187,000	\$ 234,500	\$ 273,000

**BORREGO WATER DISTRICT  
POLICY STATEMENT**

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**SUBJECT: CASH RESERVES POLICY**

**NO: 2011-05-01**

**ADOPTED: 2011-05-25**

**AMENDED:**

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**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 water and sewer 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 covenants require 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 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, some portion of capital improvements from rate revenues, and reserves. Reserve accounts are a vital part of every water system's financial health.

This Board believes that operating with a revenue sufficiency is required, not only to remain creditworthy for future capital borrowing, but 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 covenant; 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 is based upon this District's unique operating, capital investment and financial plans.

**II. LEGALLY RESTRICTED RESERVES.** Legally Restricted Reserves are established and utilized for narrowly defined purposes and are protected by law or covenant. The District's Legally Restricted Reserves are the following, although none of these reserves are expected to be funded for FY 2012:

**Debt Reserves.** Reserves shall be formally transferred and restricted in accordance with all legal requirements.

**System Growth Reserves.** These reserves are used to offset capital projects or debt service related to new development in the District so that development pays for itself.

**Rate Stabilization Reserves.** These reserves are used to stabilize 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.

### **III. BOARD RESTRICTED 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. O&M reserves shall be targeted at an amount equal to three (3) months of the District's budgeted annual operating expenses beginning in FY 2012.

**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 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 Reserves**

**Asset Replacement.** 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.

**Emergency Reserve.** The purpose of the emergency reserve is to protect the District and its customers against the impacts from unanticipated emergencies. It provides funding for emergency repairs or failure of essential equipment that must be immediately replaced. The emergency reserve target established for FY 2012 is \$2,500,000 which 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.

	A	C	D	E	F	G	H
1	<b>BORREGO WATER DISTRICT</b>	4/24/2013					
2	<b>FOUR YEAR NET INCOME/</b>	Projected	Projected	Projected	Projected	Projected	Projected
3	<b>WORKING CAPITAL PROJECTION</b>	FY 2012-13	FY 2013-14	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17
4	Prop 218 Approved Revenue Increases	30%	10%	Expected Income	10%	5%	0%
5	Projected Revenue Increases-Water	20%	19%	14%	10%	5%	0%
6	Projected Revenue Increases-Sewer		13.75%	13.75%	5%	5%	0%
7	Existing Rate Revenue -Water	\$ 2,103,978	\$ 2,342,254	\$ 2,342,254	\$ 2,714,842	\$ 2,986,326	\$ 3,135,643
8	Additional Revenue-Water	\$ 218,745	\$ 439,365	\$ 372,588	\$ 271,484	\$ 149,316	\$ -
9	Existing Rate Revenue-Sewer	\$ 277,612	\$ 264,000	\$ 264,000	\$ 300,300	\$ 315,315	\$ 331,081
10	Additional Revenue-Sewer	\$ -	\$ 36,300	\$ 36,300	\$ 15,015	\$ 15,766	\$ -
11	Other non variable Income	\$ 737,477	\$ 468,130	\$ 468,130	\$ 468,130	\$ 468,130	\$ 468,130
12	<b>Total Revenue (/w Other Rev.)</b>	<b>\$ 3,337,812</b>	<b>\$ 3,550,049</b>	<b>\$ 3,483,272</b>	<b>\$ 3,769,771</b>	<b>\$ 3,934,853</b>	<b>\$ 3,934,853</b>
13							
14	<b>O&amp;M Expenses</b>	<b>\$ 2,135,734</b>	<b>\$ 2,163,810</b>	<b>\$ 2,163,810</b>	<b>\$ 2,163,810</b>	<b>\$ 2,163,810</b>	<b>\$ 2,163,810</b>
15							
16	<b>Net Revenue</b>	<b>\$ 1,202,078</b>	<b>\$ 1,386,239</b>	<b>\$ 1,319,462</b>	<b>\$ 1,605,961</b>	<b>\$ 1,771,043</b>	<b>\$ 1,771,043</b>
17							
18	Total Bond Issued		\$ -	\$ -	\$ -	\$ -	\$ -
19	Issuance Expense & Reserve		\$ -	\$ -	\$ -	\$ -	\$ -
20	Amount available for CIP		\$ -	\$ -	\$ -	\$ -	\$ -
21							
22	<b>CIP Financing</b>						
23	Cash CIP (without Viking reserve)	\$ 775,715	\$ 636,700	\$ 636,700	\$ 411,500	\$ 681,250	\$ 656,415
24	Debt CIP		\$ -	\$ -	\$ -	\$ -	\$ -
25	<b>**Existing Debt Service</b>						
26	ID 4 Bonds	\$ 124,875	\$ 149,313	\$ 149,313	\$ 255,713	\$ 254,525	\$ 253,113
27	Well 12	\$ 100,196	\$ 70,000	\$ 70,000	\$ 70,000	\$ 70,000	\$ 70,000
28	Viking Ranch		\$ -	\$ -		\$ 270,750	\$ 224,936
29							
30	<b>Total Debt Service</b>	<b>\$ 225,071</b>	<b>\$ 219,313</b>	<b>\$ 219,313</b>	<b>\$ 325,713</b>	<b>\$ 595,275</b>	<b>\$ 548,049</b>
31							
32	<b>Net Annual Cash Flow</b>	<b>\$ 201,292</b>	<b>\$ 530,226</b>	<b>\$ 463,449</b>	<b>\$ 868,748</b>	<b>\$ 494,518</b>	<b>\$ 566,579</b>
33							
34	Beginning Reserves Level	\$ 899,435	\$ 1,100,727	\$ 1,100,727	\$ 1,564,176	\$ 2,432,924	\$ 2,927,442
35	Ending Reserves Level	\$ 1,100,727	\$ 1,630,953	\$ 1,564,176	\$ 2,432,924	\$ 2,927,442	\$ 3,494,022
36							
37							
38	<b>**Existing Debt Service</b>	<b>INTEREST</b>	<b>TERM</b>	<b>PRE-PAYMENT</b>	<b>ANNUAL</b>	<b>PRE-PAYMENT</b>	
39				<b>PENALTY ON BAL</b>	<b>PAYMENT</b>	<b>DISCOUNT</b>	
40	<b>ID 4 COP BONDS</b>	<b>4.5%</b>	<b>2028</b>	<b>2% to 4/1/2018</b>	<b>AVG \$260,000</b>		
41				<b>1% to 4/1/2019</b>			
42	<b>WELL 12 NOTE</b>	<b>5%</b>	<b>2020</b>	<b>NONE</b>	<b>\$ 70,000</b>		
43	<b>VIKING RANCH</b>	<b>4%</b>	<b>2016-2041</b>	<b>NONE</b>	<b>\$ 80,915.28</b>	<b>\$ 300,000</b>	
44						<b>pay off before</b>	
45						<b>7/8/2016</b>	

**BORREGO WATER DISTRICT  
RATES FOR  
FISCAL YEARS 2014-2016**

**Sewer Rates**

The District provides sewer service to areas 1, 2 and 5. Rate increases could possibly take place in areas 1 & 5 through FY 2016. The District's monthly sewer charges are based on one equivalent dwelling unit (EDU) usage of 250 gallons per day, for a typical single family residence. Commercial projected EDU requirements are determined on a case-by-case basis. Sewer customers are charged a fixed monthly holder fee and a monthly user fee based on number of EDU's. It is proposed that this current structure for sewer charges remain unchanged. The Board of Directors may consider changes to this basic rate structure at a later date.

Sewer service charges are proposed to change as shown in the following table:

	Current Rates FY 2013	FY 2014 Projected	FY 2015 Projected	FY 2016 Projected
Sewer Area 1	\$ 26.75	\$ 30.43	\$ 31.96	\$ 33.56
Sewer Area 5	\$ 49.92	\$ 56.79	\$ 59.63	\$ 62.62

**Water Rates**

The District's water rates have two components: 1) a **Fixed Meter Charge** based on the customer's meter size, to recover a portion of the District's fixed costs of operating, maintaining and delivering water, and 2) a **Commodity Charge**, determined by the amount of water used. The current rate structure fixes the customer's commodity based on the area the customer is in, and for residential customers, whether the customer's water usage is from 0 to 45 units in winter or 0 to 55 units in summer (Tier 1); or over 45 units in winter or over 55 units in summer (Tier 2). It is proposed that this basic rate structure for water rates remain unchanged, however the Board of Directors may consider changes to the rate structure at a later date.

Fixed water meter charges are proposed to change as shown in the following table:

Meter size	Current Rates FY 2013	FY 2014 Projected	FY 2015 Projected	FY 2016 Projected
¾ "	\$ 30.54	\$ 36.40	\$ 40.04	\$ 42.04
1"	\$ 44.66	\$ 53.20	\$ 58.53	\$ 61.45
1 ½"	\$ 75.29	\$ 89.72	\$ 98.69	\$103.62
2"	\$113.97	\$135.80	\$149.38	\$156.85
3"	\$206.97	\$246.63	\$271.30	\$284.86
4"	\$329.94	\$393.18	\$432.50	\$454.12
6"	\$658.32	\$784.50	\$862.95	\$906.10

Commodity Rates are proposed to change as shown in the following table:

Winter	Current Rates FY 2013	FY 2014 Projected	FY 2015 Projected	FY 2016 Projected
Tier1 < 45	\$ 1.76	\$ 2.09	\$ 2.30	\$ 2.42
Tier 2 >45	\$ 2.63	\$ 3.14	\$ 3.46	\$ 3.64

Summer	Current Rates FY 2013	FY 2014 Projected	FY 2015 Projected	FY 2016 Projected
Tier1 < 55	\$ 1.76	\$ 2.09	\$ 2.30	\$ 2.42
Tier 2 >55	\$ 2.63	\$ 3.14	\$ 3.46	\$ 3.64

Other Rates and Fees

Any rates or fees associated with water or sewer service that are not addressed in the notice shall remain in full force and effect as previously adopted by the Board of Directors.

Pass Through Costs

Pursuant to AB 3030, the District Board will also authorize the pass-through of future rate and charge increases by San Diego Gas & Electric for electricity rates associated with storing, treating, pumping, and delivering water. This authorization will be in effect for five years, until June 30, 2016. The Board will hold a public hearing to review the proposed increases prior to enacting any such changes.

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**BWD CASH FLOW  
2012-2013**

	C	D	AB	AC	AD	AE
1						
2						
3						
4	<b>BWD CASH FLOW</b>					
5	<b>2012-2013</b>		<b>ADOPTED</b>	<b>ACTUAL</b>	<b>PROJECTED</b>	<b>ACTUAL</b>
6			<b>BUDGET</b>	<b>MARCH</b>	<b>MARCH</b>	<b>YTD</b>
7			<b>2012-2013</b>	<b>2013</b>	<b>2013</b>	<b>2012-2013</b>
8	<b>REVENUE</b>					
9	<b>WATER REVENUE</b>					
10	Residential Water Sales (Assume no water use on Montezoro GC)		797,310	43,635	46,794	510,194
11	Commercial Water Sales		112,548	7,565	7,866	76,066
12	Irrigation Water Sales		134,297	4,810	5,597	99,975
13	GWM Surcharge		103,204	5,440	5,845	66,564
14	Water Sales Power Portion		331,621	18,026	19,135	219,640
15	Readiness Water Charge		986,046	80,263	81,000	704,777
16	Readiness Water Charge - Liened properties		0	3,252	2,400	22,455
17	Meter Installation		0	0	0	-
18	Water hook-up charge		0	0	0	-
19	Reconnect Fees		11,000	680	0	7,820
20	Backflow Testing/Installation		5,000	0	50	4,550
21	Bulk Water Sales		3,570	343	79	4,965
22	Penalty & Interest Water Collection		32,252	1,197	1,000	10,223
23	<b>TOTAL WATER REVENUE:</b>		<b>2,516,848</b>	<b>165,212</b>	<b>169,766</b>	<b>1,727,228</b>
24		Receivables				1,727,228
25		as of 04/09/13				
25	<b>PROPERTY ASSESSMENTS/AVAILABILITY CHARGES</b>					
26	641500 1% Property Assessments	24,196	68,174	2,024	2,024	39,250
27	641502 Property Assess wtr/swr/flid (879 parcels \$66 ea(44,814))	34,331	24,985	660	660	16,878
28	641502/641503 Prop Assess. (Allowance for bad debt (\$456,909))	669,873	0	0	0	-
29	641501 Water avail Standby	37,475	78,918	4,429	4,429	65,245
30	641504 ID 3 Water Standby ( 361 parcels \$37.70 parcel (13,809.7))	0	13,609	0	0	-
31	641504 ID 3 Water Standby- (La Casa-2 parcels= \$20,150)	5,676	19,495	10,603	10,603	31,265
32	641503 Pest standby	20,309	14,183	592	592	10,261
33	<b>TOTAL PROPERTY ASSES/AVAIL CHARGES:</b>	<b>791,860</b>	<b>219,364</b>	<b>18,308</b>	<b>18,308</b>	<b>162,900</b>
34						162,900
35	<b>SEWER SERVICE CHARGES</b>					
36	Town Center Sewer Holder's Fees		180,144	14,274	14,200	130,677
37	Town Center Sewer User Fees			3,160	3,160	6,320
38	Sewer user Fees		309,790	21,991	22,000	211,612
39	Sewer-liened		0	268	0	268
40	Penalty Interest-Sewer		1,200	0	100	890
41	Sewer Capacity Fees		0	0	0	-
42	<b>TOTAL SEWER SERVICE CHARGES:</b>		<b>491,134</b>	<b>39,692</b>	<b>39,460</b>	<b>349,767</b>
43						349,767
44	<b>OTHER INCOME</b>					
45	Rent Income-Antilles wireless		7,715	607	400	6,822
46	Annexation Fees		0	0	0	-
47	Fire Hydrant Installation		0	0	0	-
48	Miscellaneous Income (net csd fee/JPIA rebate)		13,000	125	120	7,858
49	Administrative Fee-Water Credits		1,000	0	0	-
50	Gain on asset sold -Sale of Package Plant		0	0	0	36,000
51	Sale of Clark Dry Lake Property/Communication tower			0	0	217,335
52	Stag Grant		0	0	0	-
53	Interest Income		200	5	11	103
54	<b>TOTAL OTHER INCOME:</b>		<b>21,915</b>	<b>737</b>	<b>531</b>	<b>268,119</b>
55						
56	<b>TOTAL INCOME:</b>		<b>3,249,262</b>	<b>223,949</b>	<b>228,065</b>	<b>2,508,013</b>
57						2,508,013
58	<b>CASH BASIS ADJUSTMENTS</b>					
59	Decrease (Increase) in Accounts Receivable		0	(13,203)		6,759
60	CC Golf Equipment receivable		2,268	189	189	1,702
61	Other Cash Basis Adjustments-Coljen LMTD deposit			32,910		28,475
62	<b>TOTAL CASH BASIS ADJUSTMENTS:</b>		<b>2,268</b>	<b>19,896</b>	<b>189</b>	<b>36,936</b>
63						36,936
64	<b>TOTAL INCOME RECEIVED:</b>		<b>3,251,530</b>	<b>243,845</b>	<b>228,254</b>	<b>2,544,949</b>

**BWD CASH FLOW  
2012-2013**

	AF	AH	AI	AJ
1				
2				
3				
4				
5	YTD + PROJ MONTHS>>	PROJECTED	PROJECTED	PROJECTED
6	PROJECTED	APRIL	MAY	JUNE
7	2012-2013	2013	2013	2013
8				
9				
10	721,789	53,418	71,198	86,978
11	101,615	7,736	9,292	8,521
12	128,653	5,844	9,803	13,032
13	91,043	6,448	8,830	9,202
14	299,635	21,140	28,802	30,053
15	947,777	81,000	81,000	81,000
16	32,211	3,252	3,252	3,252
17	-	0	0	0
18	-	0	0	0
19	9,860	1,360	680	0
20	4,550	0	0	
21	7,017	482	1,470	100
22	13,223	1,000	1,000	1,000
23	2,357,373	181,680	215,327	233,138
24	2,357,373			
25				
26	63,179	15,990	6,672	1,267
27	26,248	1,650	6,792	927
28	-	0		
29	89,628	5,292	14,935	4,156
30	-			0
31	45,711	1,046	12,910	490
32	16,994	2,063	4,148	523
33	241,760	26,040	45,459	7,362
34	241,760			
35				
36	173,277	14,200	14,200	14,200
37	15,800	3,160	3,160	3,160
38	277,612	22,000	22,000	22,000
39	1,072	268	268	268
40	1,190	100	100	100
41	-	0	0	0
42	468,951	39,728	39,728	39,728
43	468,951			
44				
45	8,022	400	400	400
46	-	0	0	0
47	-	0	0	0
48	8,218	120	120	120
49	-	0	0	0
50	36,000	0	0	0
51	217,335	0	0	0
52	-	0	0	0
53	153	28	11	11
54	269,729	548	531	531
55	269,729			
56	3,337,812	247,995	301,044	280,759
57	3,337,812			
58				
59	6,759			
60	2,269	189	189	189
61	28,475			
62	37,503	189	189	189
63				
64	3,375,315	248,184	301,233	280,948

**BWD CASH FLOW**  
**2012-2013**

	C	D	AB	AC	AD	AE
4	<b>BWD CASH FLOW</b>					
5	2012-2013		<b>ADOPTED</b>	<b>ACTUAL</b>	<b>PROJECTED</b>	<b>ACTUAL</b>
6			<b>BUDGET</b>	<b>MARCH</b>	<b>MARCH</b>	<b>YTD</b>
7			2012-2013	2013	2013	2012-2013
65	<b>EXPENSES</b>					<b>2,544,949</b>
66						
67	<b>MAINTENANCE EXPENSE</b>					
68	R & M Buildings & Equipment		130,000	1,460	10,000	84,954
69	R & M - WWTP		60,000	2,555	5,000	23,414
70	Telemetry		15,000	0	0	4,975
71	Trash Removal		3,600	365	300	2,825
72	Vehicle Expense		12,000	2,040	200	19,447
73	Fuel & Oil		35,000	968	2,400	24,199
74	<b>TOTAL MAINTENANCE EXPENSE:</b>		<b>255,600</b>	<b>7,388</b>	<b>17,900</b>	<b>159,814</b>
75						<b>159,814</b>
76	<b>PROFESSIONAL SERVICES EXPENSE</b>					
77	Accounting (Taussig)		4,000	0	0	416
78	Administrative Services (ADP/Bank Fees)		5,000	483	420	4,207
79	Audit Fees		26,000	0	0	21,150
80	Computer billing		9,000	903	300	6,656
81	Consulting/Technical		1,500	0	500	166
82	Engineering		10,000	853	1,500	3,833
83	Legal Services		10,000	1,214	300	15,565
84	Testing/lab work		28,000	4,300	1,600	11,913
85	Regulatory Permit Fees		45,000	474	820	33,134
86	<b>TOTAL PROFESSIONAL SERVICES EXPENSE:</b>		<b>138,500</b>	<b>8,226</b>	<b>5,440</b>	<b>97,039</b>
87						<b>97,039</b>
88	<b>INSURANCE/INTEREST EXPENSE</b>					
89	ACWA Insurance		72,000	10,637	10,585	41,176
90	Workers Comp		19,200	4,525	4,800	14,205
91	Interest-COP 2008/Well 12 Purchase Agreement		225,072	62,438	62,438	225,071
92	<b>TOTAL INSURANCE/INTEREST EXPENSE:</b>		<b>316,272</b>	<b>77,600</b>	<b>77,823</b>	<b>280,452</b>
93						<b>280,452</b>
94	<b>PERSONNEL EXPENSE</b>					
95	Board Meeting Expense (board stipend/board secretary)		9,130	495	1,200	5,970
96	Salaries & Wages (gross)		825,000	67,015	68,750	634,810
97	Taxes on Payroll		19,251	1,183	1,173	16,880
98	Medical Insurance Benefits	+8% Jan-June 2014	223,000	18,657	18,747	162,851
99	Calpers Retirement Benefits		177,240	14,222	15,000	129,773
100	Salaries & Wages contra account		(24,000)	(495)	(1,200)	(7,720)
101	Conference/Conventions/Training/Seminars		7,500	179	150	8,855
102	<b>TOTAL PERSONNEL EXPENSE:</b>		<b>1,237,121</b>	<b>101,256</b>	<b>103,820</b>	<b>951,419</b>
103						<b>951,419</b>
104	<b>OFFICE EXPENSE</b>					
105	Office Supplies		18,000	920	1,000	17,195
106	Office Equipment/ Rental/Maintenance Agreements		26,000	1,438	1,600	24,159
107	Postage & Freight		11,000	0	0	8,166
108	Taxes on Property		2,300	0	0	2,150
109	Telephone/Answering Service		8,500	646	700	5,904
110	Bad Debt Collection		1,000	402	50	7,291
111	Dues & Subscriptions		5,000	0	500	1,625
112	Printing, Publications & Notices		1,500	940	0	1,687
113	Uniforms		6,500	442	550	4,664
114	Osha Requirements/Emergency preparedness		5,000	0	2,000	995
115	<b>TOTAL OFFICE EXPENSE:</b>		<b>84,800</b>	<b>4,788</b>	<b>6,400</b>	<b>73,836</b>
116						<b>73,836</b>
117	<b>UTILITIES EXPENSE</b>					
118	Pumping-Electricity		330,000	23,100	23,000	237,518
119	Office/Shop Utilities		16,000	1,021	1,000	13,188
120	Cellular Phone		9,000	785	725	6,733
121	<b>TOTAL UTILITIES EXPENSE:</b>		<b>355,000</b>	<b>24,906</b>	<b>24,725</b>	<b>257,438</b>
122						<b>257,438</b>
123	<b>TOTAL EXPENSES:</b>		<b>2,387,292</b>	<b>224,164</b>	<b>236,108</b>	<b>1,819,997</b>
124						<b>1,819,997</b>
125	<b>CASH BASIS ADJUSTMENTS</b>					
126	Decrease (Increase) in Accounts Payable		0	(3,382)		(4,525)
127	Increase (Decrease) in Inventory		0	12,734		21,432
128	Other Cash Basis Adjustments-Mesquite trails deposit expense			499		543
129	<b>TOTAL CASH BASIS ADJUSTMENTS:</b>		<b>0</b>	<b>9,851</b>	<b>0</b>	<b>17,450</b>
130						<b>17,450</b>
131	<b>TOTAL EXPENSES PAID:</b>		<b>2,387,292</b>	<b>234,014</b>	<b>236,108</b>	<b>1,837,446</b>
132						<b>1,837,446</b>
133	<b>NET CASH FLOW (O&amp;M)</b>		<b>864,237</b>	<b>9,831</b>	<b>(7,855)</b>	<b>707,503</b>

**BWD CASH FLOW  
2012-2013**

	AF	AH	AI	AJ
4				
5	YTD + PROJ MONTHS>>	PROJECTED	PROJECTED	PROJECTED
6	PROJECTED	APRIL	MAY	JUNE
7	2012-2013	2013	2013	2013
65				
66				
67				
68	113,660	10,000	10,500	8,206
69	38,414	5,000	5,000	5,000
70	8,975	2,000	1,000	1,000
71	3,725	300	300	300
72	20,947	500	500	500
73	32,882	3,400	2,300	2,983
74	218,603	21,200	19,600	17,989
75	218,603			
76				
77	1,916	0	1,500	0
78	5,461	420	420	414
79	25,963	0	4,813	0
80	9,973	1,367	650	1,300
81	166	0	0	0
82	5,433	500	500	600
83	16,465	300	300	300
84	21,616	3,450	3,600	2,654
85	39,834	700	3,000	3,000
86	126,827	6,737	14,783	8,268
87	126,827			
88				
89	71,198	30,022	0	0
90	19,005	0	0	4,800
91	225,071	0	0	0
92	315,274	30,022	0	4,800
93	315,274			
94				
95	9,570	1,200	1,200	1,200
96	841,060	68,750	68,750	68,750
97	19,960	1,100	1,000	980
98	219,092	18,747	18,747	18,747
99	174,773	15,000	15,000	15,000
100	(11,320)	(1,200)	(1,200)	(1,200)
101	9,305	150	150	150
102	1,262,440	103,747	103,647	103,627
103	1,262,440			
104				
105	20,195	1,000	1,000	1,000
106	28,959	1,600	1,600	1,600
107	12,166	2,000	0	2,000
108	2,150	0	0	0
109	8,004	700	700	700
110	7,591	100	100	100
111	4,785	2,500	0	660
112	2,440	250	343	160
113	6,314	550	550	550
114	1,695	200	200	300
115	94,299	8,900	4,493	7,070
116	94,299			
117				
118	317,518	25,000	25,000	30,000
119	16,638	1,000	1,200	1,250
120	9,208	825	825	825
121	343,363	26,825	27,025	32,075
122	343,363			
123	2,360,805	197,431	169,548	173,829
124	2,360,805			
125				
126	(4,525)			
127	21,432			
128	543			
129	17,450	0	0	0
130				
131	2,378,254	197,431	169,548	173,829
132				
133	997,061	50,753	131,685	107,119

**BWD CASH FLOW  
2012-2013**

	C	D	AB	AC	AD	AE
4	<b>BWD CASH FLOW</b>					
5	<b>2012-2013</b>					
6			<b>ADOPTED</b>	<b>ACTUAL</b>	<b>PROJECTED</b>	<b>ACTUAL</b>
7			<b>BUDGET</b>	<b>MARCH</b>	<b>MARCH</b>	<b>YTD</b>
			<b>2012-2013</b>	<b>2013</b>	<b>2013</b>	<b>2012-2013</b>
134	<b>NON O &amp; M EXPENSES</b>					
135	USGS Basin study (\$98,055 balance)		131,035	8,310		23,113
136	GWM Planning Costs - legal		25,000	659	1,500	10,182
137	Integrated Regional Water Management Plan/Staff time		0			2,695
138	STAG/LGA Grant/Staff time		0			923
139	Viking Ranch Purchase		0		0	-
140	Viking Ranch Purchase RESERVE		100,000			-
141	GWM/ABD-IRWM Legal Expenses		0			2,287
142	Contingency for possible well pump/motor failure (Well 11/Well 5/ 800 tank)		62,000		62,000	133,040
143	Rams Hill #1 1980 steel needs inside coating, 1.25mg		200,000		100,000	4,590
144	800 Tank		0			-
145	Twin Tanks, 1970's-inside coating (rescheduled into 2013-2014)		0			-
146	Pickup		15,000			15,500
147	ID4, Reducing Station design and installation		25,000		0	-
148	Fairway Lane pipeline (excludes BWD labor)		60,000			-
151	Concrete replacement-WWTP		10,000			-
152	Rework drying bed material-WWTP		43,000	4,383		43,830
153	Roof replacement for Lugo building/repairs		10,000		10,000	-
154	Pipeline-Country Club Road Booster Sta #3 south to Slash M					-
155	Fire Hydrant Replacements					-
156	Rewind motors-ID 4-11/ID4-18/ID1-10					-
157	ID 1-16 pump and casing cleaning					-
158	WWTP-Shredder Cutters/Motor & Gear reducers/return pump					-
159	WWTP-Video Collection Lines					-
160	WWTP-Sewer Vacuum Trailer					-
161	<b>TOTAL NON O&amp;M EXPENSES</b>		<b>681,035</b>	<b>13,352</b>	<b>173,500</b>	<b>236,159</b>
162						<b>236,159</b>
163	<b>CASH RECAP</b>					
164	Cash beginning of period		899,435	1,374,299	1,287,261	899,435
165	Net Cash Flow (O&M)		864,237	9,831	(7,855)	707,503
166	Total Non O&M Expenses		(681,035)	(13,352)	(173,500)	(236,159)
167	Transfer To/From Reserves			0		-
168	<b>CASH AT END OF PERIOD</b>		<b>1,082,637</b>	<b>1,370,778</b>	<b>1,105,907</b>	<b>1,370,778</b>
169	Cash allocated for Viking reserves			(100,000)		(100,000)
170	Coljen LMTD deposit net of expenditures			(32,910)		(28,475)
171	<b>CASH AFTER ALLOCATION FOR RESERVES/DEPOSIT</b>			<b>1,237,868</b>		<b>1,242,303</b>
172						
173						
174	<b>RESERVES</b>					
175	Working Capital (3 months)		600,000			
176	Contingency (3%)		72,000			
177	Asset replacement		115,000			
178	Emergency		2,500,000			
179	Viking Ranch		100,000			
180	<b>TOTAL RESERVES</b>		<b>3,387,000</b>			
181						
182	<b>SIGNIFICANT ITEMS</b>		<b>ACTUAL</b>	<b>PROJECTED</b>		
183						
184	R & M Buildings & Equipment	1,460	10,000			Didn't spend as much as projected
185	Testing/lab work	4,300	1,600			Projection one month off
186	Contingency for possible well pump/motor failure	0	62,000			Project postponed 1 month
187	Rams Hill #1 1980 steel needs inside coating, 1.25mg	0	100,000			Project postponed 2 months
188	Roof replacement for Lugo building/repairs	0	10,000			Project postponed 1 month
189	<b>Total Significant Items:</b>	<b>5,760</b>	<b>183,600</b>			

**BWD CASH FLOW  
2012-2013**

	AF	AH	AI	AJ
4				
5	YTD + PROJ MONTHS>>	PROJECTED	PROJECTED	PROJECTED
6	PROJECTED	APRIL	MAY	JUNE
7	2012-2013	2013	2013	2013
134				
135	121,169	49,028		49,028
136	14,682	1,500	1,500	1,500
137	2,695			
138	923			
139	69,000	69,000		
140	-			
141	2,287			
142	195,040	62,000		
143	104,590		100,000	
144	126,000	63,000		63,000
145	-			
146	15,500			
147	-	0		0
148	60,000	60,000		
151	10,000	10,000		
152	43,830			
153	10,000	10,000		
154	-			
155	-			
156	-			
157	-			
158	-			
159	-			
160	-			
161	<u>775,715</u>	<u>324,528</u>	<u>101,500</u>	<u>113,528</u>
162	775,715			
163				
164	899,435	1,370,778	1,097,003	1,127,189
165	997,061	50,753	131,685	107,119
166	(775,715)	(324,528)	(101,500)	(113,528)
167	0			
168	1,120,780	1,097,003	1,127,189	1,120,780
169	(100,000)			
170	(28,475)			
171	992,305			
172				
173				
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189				



# BORREGO WATER DISTRICT

	BALANCE SHEET March 31, 2013 (unaudited)		BALANCE SHEET February 28, 2013 (unaudited)		MONTHLY CHANGE (unaudited)
<b>ASSETS:</b>					
<b>CURRENT ASSETS</b>					
Cash and cash equivalents	\$	1,370,778.27	\$	1,374,299.35	\$ (3,521.08)
Accounts receivable from water sales and sewer charges	\$	366,777.66	\$	353,574.53	\$ 13,203.13
Interest receivable	\$	-	\$	-	\$ -
Inventory	\$	157,226.73	\$	144,492.71	\$ 12,734.02
Availability charges receivable	\$	540,457.67	\$	540,457.67	\$ -
Allowance for uncollectable availability charges	\$	(458,909.85)	\$	(458,909.85)	\$ -
Grant Receivable	\$	-	\$	-	\$ -
Prepaid expenses	\$	41,217.72	\$	41,217.72	\$ -
Other Receivables	\$	5,108.60	\$	5,297.80	\$ (189.20)
<b>TOTAL CURRENT ASSETS</b>	<b>\$</b>	<b>2,022,656.80</b>	<b>\$</b>	<b>2,000,429.93</b>	<b>\$ 22,226.87</b>
<b>RESTRICTED ASSETS</b>					
Debt Service:					
Deferred amount of COP Refunding	\$	152,562.81	\$	152,562.81	\$ -
Unamortized bond issue costs	\$	105,430.03	\$	105,430.03	\$ -
Total Debt service	\$	257,992.84	\$	257,992.84	\$ -
Trust fund:					
Investments with fiscal agent -CFD 2007-1	\$	20,307.92	\$	61,338.24	\$ (41,030.32)
Total Trust fund	\$	20,307.92	\$	61,338.24	\$ (41,030.32)
<b>TOTAL RESTRICTED ASSETS</b>	<b>\$</b>	<b>278,300.76</b>	<b>\$</b>	<b>319,331.08</b>	
<b>UTILITY PLANT IN SERVICE</b>					
Land	\$	1,935,693.94	\$	1,935,693.94	\$ -
Flood Control Facilities	\$	4,319,603.58	\$	4,319,603.58	\$ -
Capital Improvement Projects	\$	181,778.42	\$	181,778.42	\$ -
Sewer Facilities	\$	5,548,935.59	\$	5,544,552.59	\$ 4,383.00
Water facilities	\$	11,036,462.17	\$	11,036,462.17	\$ -
Pipelines, wells and tanks	\$	151,699.02	\$	151,699.02	\$ -
General facilities	\$	1,009,059.92	\$	1,009,059.92	\$ -
Equipment and furniture	\$	323,754.18	\$	323,754.18	\$ -
Vehicles	\$	495,572.91	\$	495,572.91	\$ -
Accumulated depreciation	\$	(10,395,326.24)	\$	(10,395,326.24)	\$ -
<b>NET UTILITY PLANT IN SERVICE</b>	<b>\$</b>	<b>14,607,233.49</b>	<b>\$</b>	<b>14,602,850.49</b>	<b>\$ 4,383.00</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>17,093,191.05</b>	<b>\$</b>	<b>17,107,611.50</b>	<b>\$ (14,420.45)</b>



# BORREGO WATER DISTRICT

Balance sheet continued

	BALANCE SHEET March 31, 2013 (unaudited)	BALANCE SHEET February 28, 2013 (unaudited)	MONTHLY CHANGE (unaudited)
<b>LIABILITIES:</b>			
<b>CURRENT LIABILITIES PAYABLE FROM CURRENT ASSETS</b>			
Accounts Payable	\$ 72,279.82	\$ 68,897.76	\$ 3,382.06
Accrued expenses	\$ 168,546.27	\$ 168,546.27	\$ -
Deferred Revenue	\$ -	\$ -	\$ -
Deposits	\$ 54,331.25	\$ 21,920.00	\$ 32,411.25
<b>TOTAL CURRENT LIABILITIES PAYABLE FROM CURRENT ASSETS</b>	<b>\$ 295,157.34</b>	<b>\$ 259,364.03</b>	<b>\$ 35,793.31</b>
<b>CURRENT LIABILITIES PAYABLE FOM RESTRICTED ASSETS</b>			
Debt Service:			
Accounts Payable to CFD 2007-1	\$ 20,307.92	\$ 61,338.24	\$ (41,030.32)
<b>TOTAL CURRENT LIABILITIES PAYABLE FROM RESTRICTED ASSETS</b>	<b>\$ 20,307.92</b>	<b>\$ 61,338.24</b>	<b>\$ (41,030.32)</b>
<b>LONG TERM LIABILITIES</b>			
2008 Certificates of participation (payable from restricted assets)	\$ 2,775,000.00	\$ 2,775,000.00	\$ -
Montesoro Note Payable	\$ 695,726.52	\$ 695,726.52	\$ -
<b>TOTAL LONG TERM LIABILITIES</b>	<b>\$ 3,470,726.52</b>	<b>\$ 3,470,726.52</b>	<b>\$ -</b>
<b>TOTAL LIABILITIES</b>	<b>\$ 3,786,191.78</b>	<b>\$ 3,791,428.79</b>	<b>\$ (5,237.01)</b>
<b>FUND EQUITY</b>			
Contributed equity	\$ 9,649,544.17	\$ 9,649,544.17	\$ -
Retained Earnings:			
Unrestricted Reserves/Retained Earnings	\$ 3,657,455.10	\$ 3,666,638.54	\$ (9,183.44)
Total retained earnings	\$ 3,657,455.10	\$ 3,666,638.54	\$ (9,183.44)
<b>TOTAL FUND EQUITY</b>	<b>\$ 13,306,999.27</b>	<b>\$ 13,316,182.71</b>	<b>\$ (9,183.44)</b>
<b>TOTAL LIABILITIES AND FUND EQUITY</b>	<b>\$ 17,093,191.05</b>	<b>\$ 17,107,611.50</b>	<b>\$ (14,420.45)</b>



# BORREGO WATER DISTRICT

## Treasurer's Report March, 2013

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

### Cash and Cash Equivalents:

Demand Accounts at WFB/BSB/LAIF

WFB/BSB General Account/Petty Cash	\$ 1,219,684	\$ 1,217,386	\$ 1,217,386	88.81%	0.00%	N/A	WFB/BSB
Payroll Account	\$ 33,119	\$ 32,141	\$ 32,141	2.34%	0.01%	N/A	WFB
LAIF	\$ 20,850	\$ 20,850	\$ 20,850	1.52%	0.36%	N/A	LAIF
MMA	\$ 100,402	\$ 100,402	\$ 100,402	7.32%	0.05%	N/A	WFB
<b>Total Cash and Cash Equivalents</b>	<b>\$ 1,374,054</b>	<b>\$ 1,370,778</b>	<b>\$ 1,370,778</b>	<b>100.00%</b>			

### Facilities District No. 2007-1

First American Treas Obligation -US BANK	\$ 20,308	\$ 20,308	\$ 20,308				
<b>Total Cash, Cash Equivalents &amp; Investments</b>	<b>\$ 1,394,362</b>	<b>\$ 1,391,086</b>	<b>\$ 1,391,086</b>				

Cash and investments conform to the District's Investment Policy statement filed with the Board of Directors on June 27, 2012.

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

Sources of valuations are Borrego Springs Bank (BSB), Wells Fargo Bank (WFB), 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, 2013

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<b>A. Vendor disbursements paid during this period:</b>		<b>\$</b>	<b>196,949.92</b>
<i>Significant items:</i>			
Utilities		\$	22,666.01
CalPERS Payments		\$	16,719.88
Employee Health Benefits		\$	20,088.48
ACWAJPIA Property Insurance Renewal		\$	10,172.00
Workers Compensation quarterly payment		\$	4,525.00
<b>B. Capital Projects/Fixed Asset Outlays:</b>			
<i>(included in vendor disbursements paid above)</i>			
ID 4 COP Bond Interest Payment		\$	62,437.50
<b>C. Total Professional Services for this Period:</b>			
<i>(included in vendor disbursements paid above)</i>			
McDougal, Love, Eckis, Attorneys	Legal-general	\$	880.00
	Legal-deposits	\$	2,179.98
	<b>Total Invoice:</b>	<b>\$</b>	<b>3,059.98</b>
Downey Brand, Attorneys	Legal-general		
	Legal-GWM	\$	658.70
	<b>Total Invoice:</b>	<b>\$</b>	<b>658.70</b>
	Engineering-general	\$	1,012.50
	Engineering-deposits	\$	742.50
Dynamic Consulting Engineers	<b>Total Invoice:</b>	<b>\$</b>	<b>1,755.00</b>
<b>D. Payroll for this Period:</b>			
Gross Payroll		\$	67,015.34
Employer Payroll Taxes and ADP Fee		\$	1,351.72
<b>Total</b>		<b>\$</b>	<b>68,367.06</b>

BORREGO WATER DISTRICT  
 FOR BOARD CONSIDERATION AND APPROVAL  
 MARCH 31, 2013

GENERAL ACCOUNT

CHECK#	DATE	PAYEE & DESCRIPTION	AMOUNT
18346	04/09/13	U.S.BANK CORPORATE PAYMENT SYS SEE INVOICES FOR DETAILS SEE INVOICES FOR DETAILS	1,925.83
18311	03/20/13	ABILITY ANSWERING/PAGING SER ANSWERING & PAGING SERVICE	184.84
18312	03/20/13	ACWA/JPIA EMPLOYEE BENEFITS PE:04/01/13-05/01/13	20,088.48
18330	03/20/13	ACWA/JPIA PROPERTY INSURANCE RENEWAL 4/1/13-4/1814	10,172.00
18331	04/04/13	ACWA/JPIA EXCESS COVERAGE PE:04/01/13-04/01/14	465.00
18344	04/04/13	ACWA/JPIA WORKER'S COMP PE:01/01/13-03/31/13	4,525.00
18313	03/20/13	AFLAC EMPLOYEE PAID SUPPLEMENTAL HEALTH INSURANCE	1,749.60
18347	04/09/13	ALLIED WASTE SERVICES #467 3-0467-0007554 3155 HONOR CT BASIC SERVICE 3-0467-0701728 4861 BORREGO SPRINGS RD 2475 STIRUP RD BASIC SERVICE	2,692.00
18332	04/04/13	AMERICAN LINEN INC. UNIFORMS FOR CREW	442.42
18348	04/09/13	AT CONFERENCE CONFERENCE CALLS WITH USGS	13.48
18349	04/09/13	AT&T MOBILITY COMPANY CELL PHONES	648.31
18333	04/04/13	AT&T-CALNET 2 7607674230 WWTP PHONE 7607675806 MAIN OFFICE PHONE 7607675559 MAINT SHOP PHONE	301.59
18334	04/04/13	BETTY FELL REIMBURSE CUSTOMER	

BORREGO WATER DISTRICT  
 FOR BOARD CONSIDERATION AND APPROVAL  
 MARCH 31, 2013

CHECK#	DATE	PAYEE & DESCRIPTION	AMOUNT
		FOR DAMAGED HOSE BIB	107.00
18350	04/09/13	BORREGO SPRINGS BOTTLED WATER WATER FOR CREW	72.59
18314	03/20/13	BORREGO SUN VERTICAL PAGE AD RUN DATE 3/14/13	149.00
18335	04/04/13	CDPH WATER SYSTEM FEES: 07/01/12-12/31/12	466.20
18315	03/20/13	CITIZENS BUSINESS BANK INSTALLMENT	62,437.50
18351	04/09/13	CMS BUSINESS FORMS, INC. #10 WINDOW ENVELOPES FOR LASER BILLS	280.22
18336	04/04/13	DATASTREAM BUSINESS PROGRAMMING PE:02/01/13-02/28/13	902.50
18352	04/09/13	DE ANZA READY MIX YARD ROCK	245.28
18353	04/09/13	JAMES G HORMUTH/DBA TRUE VALUE SEE INVOICES FOR DETAILS	310.41
18316	03/20/13	DEBBIE MORETTI PEST CONTROL BWD OFFICES	113.00
18354	04/09/13	DEPARTMENT OF MOTOR VEHICLES OFF ROAD VEJICAL 2007 POLAR LIC# 67J18H 6/30/13-6/30/15	52.00
18317	03/20/13	DESERT TIRE CENTER 2003 FORD PICKUP LIC#1129877 CA TRANSMISSION REBUILD 2008 FORD-PICKUP LIC#1252048 CA BASIC SERVICE 2008 GMC CANYON LIC#1252455 CA NEW TIRES	1,396.25
18318	03/20/13	DIANA DEL BONO REIMBURSE FOR MILEAGE TO NOTARY CLASS	112.38
18337	04/04/13	DOWNNEY BRAND PROFESSIONAL FEES PE:02/28/13	658.70
18355	04/09/13	DYNAMIC CONSULTING ENGINEERS ENGINEERING CONSULTANTS	1,755.00
18356	04/09/13	E.S. BABCOCK & SONS, INC. WATER SAMPLES	

BORREGO WATER DISTRICT  
 FOR BOARD CONSIDERATION AND APPROVAL  
 MARCH 31, 2013

CHECK#	DATE	PAYEE & DESCRIPTION	AMOUNT
		TAKEN FROM ALL WELLS	4,130.00
18357	04/09/13	GEOSCIENCE SUPPORT SERVICES ON CALL SERVICES 03/01/13-03/31/13 ID4-11	380.00
18338	04/04/13	GRAINGER WADERS & GLOVES	433.65
18358	04/09/13	GREEN DESERT LANDSCAPE MANAGEMENT FEE FOR MARCH	5,210.80
18359	04/09/13	HIDDEN VALLEY PUMP SYSTEMS INC BOOSTER PUMP REPAIRS	360.00
18360	04/09/13	HOME DEPOT CREDIT SERVICES SEE INVOICE FOR DETAILS	174.72
18339	04/04/13	KAMAN INDUSTRIAL TECHNOLOGIES EQUIPMENT FOR TREATMENT PLANT EQUIPMENT FOR TREATMENT PLANT EQUIPMENT FOR TREATMENT PLANT	544.22
18340	04/04/13	KENNY STRICKLAND, INC. FUEL FOR CREW TRUCKS & WELLS	968.27
18319	03/20/13	KONICA MINOLTA INSTALLMENT ON COPIER FOR PE: 02/25/13-03/24/13	1,300.89
18320	03/20/13	McDOUGAL LOVE ECKIS PROFESSIONAL FEES PE:FEBRUARY 2013	2,140.00
18361	04/09/13	McDOUGAL LOVE ECKIS PROFESSIONAL FEES PE:03/31/13 PROFESSIONAL FEES PE:03/31/03	919.98
18362	04/09/13	NAPA AUTO PARTS INC SEE INVOICES FOR DETAILS	134.21
18321	03/20/13	PACIFIC PIPELINE SUPPLY INC INVENTORY CONTROL	2,576.23
18363	04/09/13	PACIFIC PIPELINE SUPPLY INC INVENTORY CONTROL INVENTORY CONTROL INVENTORY CONTROL INVENTORY CONTROL INVENTORY CONTROL	10,157.79
18277	03/05/13	CASH TO REIMBURSE PETTY CASH FOR MARCH 2013	300.00

BORREGO WATER DISTRICT  
 FOR BOARD CONSIDERATION AND APPROVAL  
 MARCH 31, 2013

CHECK#	DATE	PAYEE & DESCRIPTION	AMOUNT
18341	04/04/13	PUBLIC EMP'S RETIREMENT SYSTEM EMPLOYEE BENEFITS PE:03/01/13-03/15/13 EMPLOYEE BENEFITS PE:03/16/13-03/31/13	16,719.88
18322	03/20/13	QUILL CORPORATION OFFICE SUPPLIES SEE INVOICE FOR DETAILS OFFICE SUPPLIES SEE INVOICE FOR DETAILS	231.18
18342	04/04/13	QUILL CORPORATION OFFICE SUPPLIES OFFICE SUPPLIES	195.37
18364	04/09/13	RAMONA DISPOSAL SERVICE 54-RM251882 2475 STIRRUP RD BASIC SERVICE TRASH REMOVAL 54-RM251880 4861 BORREGO SPRINGS RD BASIC SERVICE TRASH REMOVAL	153.07
18323	03/20/13	RECORDER/COUNTY CLERK'S OFFICE LIEN RELEASE FUENTES-01-0384-1 LIEN RELEASE PURVIS 01-0905-0	26.00
18324	03/20/13	SAN DIEGO GAS & ELECTRIC 1614 196 067 6 4275 YAQUI PASS RD BOOSTER STATION 2	18.56
18343	04/04/13	SAN DIEGO GAS & ELECTRIC 6160 624 622 9 951 RANGO WAY ID1-16 9525 627 944 5 2989 BORREGO VALLEY RD PACKAGE PLANT 3607 425 233 9 2990 BORREGO VALLEY RD TC LIFT STATION ID5 7285 625 351 8 4201 BORREGO SPRINGS RD ID1-10 6160 427 632 7 COUNTRY CLUB RD ID4-2 9489 482 054 6 5065 BORREGO SPRINGS RD ID1-2 8364 482 055 9	

BORREGO WATER DISTRICT  
 FOR BOARD CONSIDERATION AND APPROVAL  
 MARCH 31, 2013

CHECK#	DATE	PAYEE & DESCRIPTION	AMOUNT
		5073 BORREGO SPRINGS RD ID1-1	
		5035 410 733 7 3528 COUNTRY CLUB RD ID4-10	
		4240 011 405 2 301 SLASH M RD COUNTRY CLUB TANK	
		3864 202 758 1 2510 RAMS HILL DR BOOSTER STATION 1	
		2739 492 349 3 4861 BORREGO SPRINGS RD TREATMENT PLANT	
		1614 489 405 4 5037 BORREGO SPRINGS RD ID1-8	
		6114 522 473 7 3352 BORREGO VALLEY RD ID1-12	
		4785 979 020 3 3003 LOFTER DR ID5-5	
		3909 503 745 7 1775 BORREGO SPRINGS RD ID4-4	
		2881 512 118 8 1111 INDIAN HEAD RANCH ID4-18	
		2700 523 335 7 806 PALM CANYON DR OPICE/MAINT SHOP	
		6159 441 279 1 2473 STIRRUP RD LUGO BLDG	
		6954 509 423 8 STIRRUP RD/PALM CYN DR OLD SHOP	22,666.01
18365	04/09/13	SAN DIEGO GAS & ELECTRIC 1614 196 067 6 4275 YAQUI PASS RD	
		BOOSTER STATION 2	41.39
18325	03/20/13	SAN DIEGO MAILING SOLUTIONS POSTAGE METER SUPPLIES	50.61
18326	03/20/13	SECAP FINANCE COPIER LEASE 02/28/13-03/30/13	137.49
18327	03/20/13	TERRY ROBERTSON RETAINER BALANCE ASSET #339	4,383.00
18366	04/09/13	UNDERGROUND SERVICE ALERT DIG ALERT TICKETS FOR MARCH	7.50

BORREGO WATER DISTRICT  
 FOR BOARD CONSIDERATION AND APPROVAL  
 MARCH 31, 2013

CHECK#	DATE	PAYEE & DESCRIPTION	AMOUNT
18367	04/09/13	U-T SAN DIEGO NOTICE OF PUBLIC HEARING	790.80
18328	03/20/13	UNITED STATES USGS QTRLY BILLING 10/01/12-12/31/12	8,310.11
18329	03/20/13	UTILITY COST MANAGEMENT LLC ELECTRICITY SAVINGS PROGRAM 09/12-01/13	1,084.98
18368	04/09/13	VERIZON WIRELESS CELL PHONES FOR EMERGENCY USE	136.63
		TOTAL	196,949.92

GWM ACCOUNTING  
01-5480  
FY 2013

A	B	E	F	G	H	K	L	N	O	P
	DESCRIPTION	LGA GRANT	LGA GRANT STAFF SUPPORT	IRWMP	IRWMP STAFF SUPPORT	GWM	GWM STAFF SUPPORT	TOTALS	MONTHLY TOTALS	
6										
7										
8										
9										
10										
11	Record Staff time-Rolwing LGA Grant		923.20					923.20		
12	Fed-X overnight-DWR-IRWM planning			48.55				48.55		
13	EcoLayers - hosting DWR			800.00				800.00	\$ 1,771.75	JULY
14	Record Staff time-Rolwing IRWM				553.92			553.92		
15	Record Staff time-Rolwing IRWM				738.56			738.56	\$ 1,292.48	AUGUST
16	McDougal, Love, Eckis-Attorney			87.50				87.50		
17	GWA Conference-Jerry					265.00		265.00		
18	Refund preservation fee-Lewis					2,750.00		2,750.00		
19	USGS-work performed per agreement					1,182.01		1,182.01		
20	Record Staff time-Rolwing IRWM				553.92			553.92	\$ 4,838.43	SEPT
21	Jerry IRWM meeting-lunch			15.00				15.00	\$ 15.00	NOV
22	McDougal, Love, Eckis-Attorney					1,128.75		1,128.75		
23	Ecolayers-hosting USGS/DWR					2,400.00		2,400.00		
24	Downy & Brand-Professional fees					805.00		805.00		
25	USGS-4th quarter billing					13,621.48		13,621.48	\$ 17,955.23	DEC
26	Graphics you can trust-Native plant brochures					480.00		480.00		
27	Downy & Brand-Professional fees					2,451.10		2,451.10	\$ 2,831.10	JAN
28	Downy & Brand-Professional fees					1,426.95		1,426.95	\$ 1,426.95	FEB
29	USGS quarterly billing					8,310.11		8,310.11		
30	Downy & Brand-Professional fees					658.70		658.70	\$ 8,968.81	MARCH
31										
32										
33	<b>TOTAL GWM EXPENSES FY 2013:</b>		923.20	951.05	1,846.40	35,479.10	-	39,199.75	\$ 39,199.75	



# **BORREGO WATER DISTRICT**

**March 2013**

## **WATER OPERATIONS REPORT**

<b>WELL</b>	<b>TYPE</b>	<b>FLOW RATE</b>	<b>STATUS</b>	<b>COMMENT</b>
ID1-1	Irrigation	150	Standby	Backup well for Rams Hill Golf Course
ID1-2	Irrigation	150	Standby	Backup well for Rams Hill Golf Course
ID1-8	Production	350	In Use	
ID1-10	Production	300	In Use	
ID1-12	Production	950	In Use	
ID1-16	Production	950	Out of Service	
Wilcox	Production	150	In Use	Diesel backup well for ID-4
ID4-4	Production	350	In Use	
ID4-10	Production	80	In Use	
ID4-11	Production	1000	Out of Service	Diesel engine drive exercised monthly
ID4-18	Production	250	In Use	
ID5-5	Production	900	In Use	Diesel engine drive exercised monthly

**System Problems:** ID1-Well 16 not in use waiting for evaluation from pump service company.  
All other Production Wells are in operating condition. Relining of the 800 tank has begun and should take approximately two weeks for completion.

## **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:** 89419 (gallons per day)  
**Peak flow:** 124244 gpd Thursday March 28, 2013

All restaurant grease traps were clean.

**System Problems:** None.



# BORREGO WATER DISTRICT

## WATER PRODUCTION SUMMARY

March 2013

DATE	ID-1	ID-3	ID-4	ID-5	DISTRICT-WIDE TOTALS
Apr-11	109.04	11.86	111.39	16.08	248.37
May-11	107.04	13.94	137.00	21.15	279.13
Jun-11	70.10	14.25	123.58	17.21	225.14
Jul-11	70.47	15.98	136.64	17.81	240.90
Aug-11	56.10	16.67	165.82	22.17	260.76
Sep-11	39.01	15.88	131.35	14.81	201.05
Oct-11	34.11	13.61	143.26	20.58	211.56
Nov-11	30.48	11.67	130.27	11.60	184.02
Dec-11	14.63	11.22	83.50	3.12	112.47
Jan-12	14.14	9.99	93.09	3.60	120.82
Feb-12	15.96	9.75	99.64	4.60	129.95
Mar-12	17.01	9.36	87.22	4.73	118.32
Apr-12	13.47	10.86	101.43	6.86	132.62
May-12	20.98	13.34	131.79	8.31	174.42
Jun-12	31.57	13.84	133.24	5.36	184.01
Jul-12	33.18	14.27	135.30	6.36	189.11
Aug-12	42.43	17.76	157.68	6.35	224.22
Sep-12	27.60	12.72	117.15	3.14	160.61
Oct-12	33.21	12.41	122.78	29.77	198.17
Nov-12	36.38	11.13	100.49	0.00	148.00
Dec-12	20.41	8.54	101.89	0.00	130.84
Jan-13	15.18	10.21	103.59	2.05	131.03
Feb-13	11.65	9.60	76.50	2.26	100.01
Mar-13	10.26	8.33	85.01	4.54	108.14
<b>12 Mo. TOTAL</b>	<b>296.32</b>	<b>143.01</b>	<b>1366.85</b>	<b>75.00</b>	<b>1881.18</b>

*Totals reflect individual improvement district usage. Interties from ID-3 and ID-5 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 (%)

DATE	ID-1	ID-3	ID-4	ID-5	DISTRICT-WIDE AVERAGE
Jan-13	0.64	0.12	10.35	N/A	3.70
<b>12 Mo. Average</b>	<b>3.69</b>	<b>2.73</b>	<b>10.03</b>	<b>N/A</b>	<b>5.48</b>

BORREGO WATER DISTRICT  
Water Production / Use Records  
ID # 1  
Month of March 2013

----- Water Production (Acre Feet) -----								
Date	Well 1	Well 2	Well 8	Well 10	Well 12	Well 16	Total	LessID3&4
=====	=====	=====	=====	=====	=====	=====	=====	=====
MAR'12	0.00	0.00	0.00	9.63	15.90	0.84	26.37	17.01
APR'12	0.00	0.00	3.62	10.87	9.73	0.11	24.33	13.47
MAY'12	0.00	0.00	0.13	14.08	20.06	0.05	34.32	20.98
JUN'12	0.00	0.00	2.87	14.49	28.02	0.03	45.41	31.57
JUL'12	0.00	0.00	6.08	11.61	26.17	3.59	47.45	33.18
AUG'12	0.00	0.00	18.07	10.85	24.02	7.25	60.19	42.43
SEP'12	0.00	0.00	3.42	13.39	23.42	0.09	40.32	27.60
OCT'12	0.00	0.00	0.06	11.28	35.72	0.12	47.18	33.21
NOV'12	0.00	0.00	0.04	12.18	63.65	0.04	75.91	36.38
DEC'12	0.00	0.00	0.07	9.04	19.84	0.00	28.95	20.41
JAN'13	0.00	0.00	0.06	10.86	14.47	0.00	25.39	15.18
FEB'13	0.00	0.00	8.49	2.70	10.06	0.00	21.25	11.65
MAR'13	0.00	0.00	18.59	0.00	0.00	0.00	18.59	10.26
TOTALS	0.00	0.00	61.50	121.35	275.16	11.28	469.29	296.32
=====	=====	=====	=====	=====	=====	=====	=====	=====

----- Water Use (Acre Feet) -----									
Date	Domestic	Irrigat'n	Constrt'n	Golf			Total	Water	
				Course	ID 3	ID 4		Loss	% Loss
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
MAR'12	7.61	7.03	0.00	0.00	9.36	0.00	24.00	2.37	8.99%
APR'12	8.22	5.28	0.00	0.00	10.86	0.00	24.36	- .03	- .11%
MAY'12	9.39	9.97	0.00	0.00	13.34	0.00	32.70	1.62	4.70%
JUN'12	10.58	17.56	0.00	0.00	13.84	0.00	41.98	3.43	7.58%
JUL'12	10.79	21.21	0.00	0.00	14.27	0.00	46.27	1.18	2.47%
AUG'12	13.63	27.13	0.00	0.00	17.76	0.00	58.52	1.67	2.77%
SEP'12	10.87	13.61	0.00	0.00	12.72	0.00	37.20	3.12	7.70%
OCT'12	10.94	21.21	0.00	0.00	12.41	1.56	46.12	1.06	2.24%
NOV'12	10.36	25.16	0.00	0.00	11.13	28.40	75.05	0.86	1.14%
DEC'12	8.32	10.12	0.00	0.00	8.54	0.00	26.98	1.97	6.81%
JAN'13	8.01	5.39	0.00	0.00	10.21	0.00	23.61	1.78	6.97%
FEB'13	7.35	3.76	0.00	0.00	9.60	0.00	20.71	0.54	2.53%
MAR'13	7.03	3.12	0.00	0.00	8.33	0.00	18.48	0.11	0.64%
TOTALS	115.49	163.52	0.00	0.00	143.01	29.96	451.98	17.31	3.69%
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====

BORREGO WATER DISTRICT  
 Water Production / Use Records  
 ID # 3  
 Month of March 2013

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'12	-0.26	4.10	0.06	5.63	5.69	-0.20	9.73	9.53
APR'12	0.43	4.10	0.03	5.35	5.38	0.46	9.45	9.91
MAY'12	0.53	5.29	0.06	7.42	7.48	0.59	12.71	13.30
JUN'12	0.99	4.80	0.22	7.58	7.80	1.21	12.38	13.59
JUL'12	0.83	6.43	0.07	6.67	6.74	0.90	13.10	14.00
AUG'12	0.76	8.31	0.10	7.41	7.51	0.86	15.72	16.58
SEP'12	0.77	4.80	0.06	7.62	7.68	0.83	12.42	13.25
OCT'12	0.85	4.66	0.14	6.49	6.63	0.99	11.15	12.14
NOV'12	0.92	4.24	0.07	5.66	5.73	0.99	9.90	10.89
DEC'12	0.00	3.29	0.01	4.58	4.59	0.01	7.87	7.88
JAN'13	1.24	3.67	0.03	4.81	4.84	1.27	8.48	9.75
FEB'13	0.68	4.08	0.16	4.57	4.73	0.84	8.65	9.49
MAR'13	0.57	4.16	0.05	3.54	3.59	0.62	7.70	8.32
TOTALS	8.57	57.83	1.00	71.70	72.70	9.57	129.53	139.10

Date	Water Produced Acre Feet	Water Delivered Acre Feet	Wtr Loss	% Loss
MAR'12	9.36	9.53	-0.17	-1.82%
APR'12	10.86	9.91	0.95	8.75%
MAY'12	13.34	13.30	0.04	0.30%
JUN'12	13.84	13.59	0.25	1.81%
JUL'12	14.27	14.00	0.27	1.89%
AUG'12	17.76	16.58	1.18	6.64%
SEP'12	12.72	13.25	-0.53	-4.17%
OCT'12	12.41	12.14	0.27	2.18%
NOV'12	11.13	10.89	0.24	2.16%
DEC'12	8.54	7.88	0.66	7.73%
JAN'13	10.21	9.75	0.46	4.51%
FEB'13	9.60	9.49	0.11	1.15%
MAR'13	8.33	8.32	0.01	0.12%
TOTALS	143.01	139.10	3.91	2.73%

BORREGO WATER DISTRICT  
 Water Production / Use Records  
 ID # 4  
 Month of March 2013

----- 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'12	0.00	0.00	46.33	6.57	9.54	26.24	3.27	0.00	0.00	91.95	87.22
APR'12	0.00	0.00	53.20	10.21	10.05	31.54	3.29	0.00	0.00	108.29	101.43
MAY'12	0.00	0.00	59.32	57.53	11.01	1.79	10.45	0.00	0.00	140.10	131.79
JUN'12	0.00	0.00	51.41	44.43	9.67	24.96	8.13	0.00	0.00	138.60	133.24
JUL'12	0.00	0.00	50.47	17.73	8.96	59.32	5.18	0.00	0.00	141.66	135.30
AUG'12	0.00	0.00	56.62	16.64	10.48	75.26	5.03	0.00	0.00	164.03	157.68
SEP'12	0.00	0.00	49.77	22.79	8.64	32.32	6.77	0.00	0.00	120.29	117.15
OCT'12	0.00	0.00	57.69	57.66	11.31	5.96	19.93	0.00	0.00	152.55	122.78
NOV'12	0.00	0.00	51.45	24.80	9.97	0.00	14.27	0.00	0.00	100.49	100.49
DEC'12	0.00	0.00	49.39	35.72	9.47	1.54	5.77	0.00	0.00	101.89	101.89
JAN'13	0.00	0.00	61.63	27.85	11.84	0.00	4.32	0.00	0.00	105.64	103.59
FEB'13	0.00	0.00	38.14	10.41	9.84	16.89	3.48	0.00	0.00	78.76	76.50
MAR'13	0.00	0.00	43.79	23.93	9.60	5.48	6.75	0.00	0.00	89.55	85.01
TOTALS	0.00	0.00	622.88	349.70	120.84	255.06	93.37	0.00	0.00	1441.85	1366.85
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====

Date	Water Produced Acre Feet	Water Use Acre Feet	Wtr Loss	% Loss	ID 5 Acre Feet
=====	=====	=====	=====	=====	=====
MAR'12	91.95	79.02	12.93	14.06%	4.73
APR'12	108.29	92.49	15.80	14.59%	6.86
MAY'12	140.10	123.11	16.99	12.13%	8.31
JUN'12	138.60	121.95	16.65	12.01%	5.36
JUL'12	141.66	126.39	15.27	10.78%	6.36
AUG'12	164.03	139.06	24.97	15.22%	6.35
SEP'12	120.29	117.66	2.63	2.19%	3.14
OCT'12	152.55	158.46	-5.91	-3.87%	29.77
NOV'12	100.49	99.42	1.07	1.06%	0.00
DEC'12	101.89	80.44	21.45	21.05%	0.00
JAN'13	105.64	89.67	15.97	15.12%	2.05
FEB'13	78.76	68.36	10.40	13.20%	2.26
MAR'13	89.55	80.28	9.27	10.35%	4.54
TOTALS	1441.85	1297.29	144.56	10.03%	75.00
=====	=====	=====	=====	=====	=====

# BORREGO WATER DISTRICT NEW METER INSTALLATION

EXISTING ACCOUNTS

WEA	ID-4	TOTAL
582	1541	2123

	WEA	SA-4	TOTAL
JULY	0	0	0
AUGUST	0	0	0
SEPTEMBER	0	0	0
OCTOBER	0	0	0
NOVEMBER	0	0	0
DECEMBER	0	0	0
JANUARY	0	0	0
FEBRUARY	0	0	0
MARCH	0	0	0
APRIL			
MAY			
JUNE			
Y-T-D TOTAL			0

2012/2013  
9 meters removed per owner request

**BORREGO WATER DISTRICT  
METER INSTALLATION HISTORY**

<b>SA# 4</b>		
<u>YEAR</u>	<u>NEW METERS</u>	<u>TOTAL METERS</u>
<u>2012/13</u>	4 meters removed per owner	<u>1541</u>
2011/12	4 meters removed	1545
	2 exchanges	
2010/11	9	1549
2009/10	7	1540
	3 meters removed/1 per owner 2 unpaid	
2008/9	3	1536
2007/8	10	1533
2006/7	39	1523
2005/6	96	1484
2004/5	79	1388
2003/4	58	1308
2002/3	32	1250
2001/2	23	1218

<b>SA # 3</b>		
<u>YEAR</u>	<u>NEW METERS</u>	<u>TOTAL METERS</u>
<u>2012/13</u>	<u>0</u>	<u>135</u>
2011/12	<u>0</u>	135
2010/11	0	135
2009/10	0	135
2008/9	0	133
2007/8	0	133
2006/7	4	133
2005/6	11	129
2004/5	6	118
	(29) METERS REMOVED FROM LA CASA	112
2003/4	7	141
2002/3	3	134
2001/2	0	131

<b>SA # 1</b>		
<u>YEAR</u>	<u>NEW METERS</u>	<u>TOTAL METERS</u>
<u>2012/13</u>	<u>2 meters removed per owner</u>	<u>343</u>
2011/12	<u>0</u>	345
2010/11	0	345
2009/10	0	345
2008/9	1	345
2007/8	12	344
2006/7	18	332
2005/6	3	314
2004/5	5	311
2003/4	3	306
2002/3	6	303
2001/2	1	297

<b>SA# 5</b>		
<u>YEAR</u>	<u>NEW METERS</u>	<u>TOTAL METERS</u>
<u>2012/13</u>	<u>2 METERS REMOVED</u>	<u>104</u>
<u>2011/12</u>	1	106
2010/11		105

**TOTAL METERS IN GROUND                      2123**