

AGENDA
Borrego Water District Board of Directors
Regular Meeting
May 27, 2015 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 April 14, 2015 (3-4)
 - Regular meeting of April 22, 2015 (5-10)
- 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 R. Premdas (11-12)
 - Letter from BWC (13)

II. CURRENT BUSINESS MATTERS

- A. Discussion and possible approval of First Amendment to Management Agreement with Green Desert Landscape (15-16)
- B. Solar Update
- C. Review of Prop 1 funding matrix (17)
- D. Discussion and possible approval of rate increases for FY2016 (18-19)
- E. Discussion and possible approval of budget (20-38)
- F. Discussion and possible approval of utilizing Raftelis with the future 218 process
- G. Presentation by Legal Counsel on legal option for Executive Order regarding 25% water reduction
- H. Discussion on how the District should publish the Conservation Order and Suggestions
- I. Review of planning calendar (39-40)

III. STAFF REPORTS

- A. Financial Reports – April 2015 (41-51)
- B. General Manager / Operations Report (52-64)
- C. Water and Wastewater Operations Report – April 2015 (65)
- D. Water Production/Use Records – April 2015 (66-69)

IV. ATTORNEY'S REPORT

V. COMMITTEE REPORTS & PROPOSALS:

Ad Hoc Committees

- | | |
|--------------------------------------|----------------------|
| 1. Audit Committee | (L. Brecht, Tatusko) |
| 2. Due-Diligence | (L. Brecht, Tatusko) |
| 3. Strategic Planning Committee | (Hart, L. Brecht) |
| 4. Executive Committee | (Estep, Hart) |
| 5. Operations & Management Committee | (Delahay, Tatusko) |
| 6. Parks Committee | (Hart, Estep) |
| 7. CFD Committee | (Estep, Delahay) |

VI. INFORMATIONAL ITEMS

A. Handouts:

- a.** How to read your meter (70)
- b.** California Mandated Water Use Restrictions (71)
- c.** BWD Suggested Conservation Resources (72-75)

VII. CLOSED SESSION

Conference with Legal Counsel – Anticipated Litigation

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

VIII. CLOSING PROCEDURE

The next Special Meeting of the Board of Directors is scheduled for June 16, 2015 at the Borrego Water District
The next Regular Meeting of the Board of Directors is scheduled for June 24, 2015 at the Borrego Water District

**Borrego Water District
MINUTES
Special Meeting of the Board of Directors
Tuesday, April 14, 2015
9:00 AM
806 Palm Canyon Drive
Borrego Springs, CA 92004**

I. OPENING PROCEDURES

- A. Call to Order: Vice-President Brecht 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: Vice-President Brecht, Secretary/Treasurer Tatusko, Delahay, Estep
Absent: President Hart
Staff: Jerry Rolwing, General Manager
Wendy Quinn, Recording Secretary
Public: Gregg Haggart, Gildred Co. Jim Engelke, Jack Light
Emily Brooks Diane Hydoski
Rebecca Falk, Desert Way Realty Jim Whalen
Trey Driscoll, Dudek Engineering Peter Quinn, Dudek Eng.
- D. Approval of Agenda: ***MSC: Delahay/Tatusko approving the Agenda as written.***

E. Comments from Directors and Requests for Future Agenda Items: Director Tatusko reported that he and Jerry Rolwing had attended a workshop on Proposition 1 funding and would be attending another this week. He will present information on both at the next meeting.

- F. Comments from the Public and Requests for Future Agenda Items: None

II. CURRENT BUSINESS MATTERS

A. Presentation by Jim Whalen on proposed Ocotillo Wells solar farm: Mr. Whalen distributed handouts summarizing his proposed solar project in Ocotillo Wells. The project had been approved by the County, and he was requesting a one-time purchase of approximately 40 acre-feet (12.86 million gallons) of BWD water during construction. According to the County's requirement for water use mitigation, he planned to fallow eight acres of citrus in Borrego Springs. Mr. Whalen outlined the conditions of approval, and stated he hoped to start construction this fall or sooner.

Director Tatusko explained that the District has provided water for two solar facilities in Borrego Springs, and there were problems with dust, and Director Brecht added that in one instance twice the predicted amount of water was used and the dust remained. Discussion followed, with Mr. Whalen explaining his proposed mitigation procedures and Jim Engelke suggesting that the native vegetation remain in place where possible.

Mr. Rolwing pointed out the benefits of the project, including donations to local schools and revenue for the District. He expressed his support and noted the matter would be on the next Agenda for consideration of approval. Director Brecht suggested adding a codicil outlining the District's conditions, and Mr. Rolwing agreed to prepare a spreadsheet.

Gregg Haggart, the owner of the property on which the solar facility would be constructed, pointed out the remote location of the site and the fact that it is surrounded by State Park and BLM land. He explained the extensive County requirements with which he has complied at considerable cost. As to the project benefits, Mr. Whalen added that Mr. Haggart would be donating land to the State Park.

Director Brecht expressed concern as to whether the acreage proposed to be fallowed was sufficient, and Mr. Whalen indicated flexibility. Rebecca Falk brought up an issue of safety for birds, who see the solar panels as water and may injure or kill themselves. Mr. Whalen assured her that US Fish and Game shares the concern, and the County has requirements to address it.

B. Presentation by Trey Driscoll of Dudek Engineering on the Rams Hill drilling program: Mr. Driscoll narrated a slide presentation updating the Board on Dudek's study of the Rams Hill drilling program. This is a long-term cooperative agreement between the District, Dudek and Rams Hill. Mr. Driscoll presented the study area, mainly in ID-1, and explained that the study included four test holes, three new wells, pump testing in five wells and collection of samples. Basin geometry, capacity, water quality and water levels were also addressed.

The study indicates that the water table has not changed since the introduction of Rams Hill's new wells two years ago. The data will be refined upon completion of the USGS study. Peter Quinn of Dudek added the estimated storage capacity is less than anticipated, although the outflow is difficult to measure.

The Board members and engineers agreed that water quality testing is important, although not spelled out in the Rams Hill program. Mr. Driscoll also hoped to do additional water level testing.

Director Brecht suggested that the study area be referred to as the "southern portion of the basin," rather than the "south basin." Some folks at Rams Hill are under the impression they are in a separate basin.

C. Discussion of emergency twenty-five percent (25%) mandatory water use reductions for all users (residential, commercial, recreational, farming) of the Borrego Valley Groundwater Basin (BVGB) amid the California drought: Mr. Rolwing reported that the State Water Resources Control Board had released a framework for the 25 percent mandatory water use reduction, and the comment period ended yesterday. He and David Aladjem had worked together on a response. They pointed out that creation of a new rate tier would require a Proposition 218 process, and that BWD had no control over water use by golf courses. The letter will be included in Mr. Rolwing's next Manager's Report. Mr. Rolwing distributed a chart showing water use over the last two years by the different customer classes, and the reductions that have already taken place. The SWRCB program is scheduled for adoption in early May, with a July effective date. Director Brecht recommended that the Due Diligence Committee work with Mr. Rolwing on this item.

D. Discussion and possible approval of Viking Ranch refinance: Director Brecht recommended accepting the proposal received from BBVA Compass Bank. Mr. Engelke stated that it was acceptable to Lance Lundberg. The decision was deferred to the next meeting.

E. Discussion of potential agenda items for April 22nd board meeting: Agenda items for the next meeting will include consideration of approval of the Ocotillo Wells solar farm request for construction water, further discussion of the 25 percent mandatory water use reduction, a JPIA award presentation, discussion of GSP development financing options, Director Tatusko's presentation on the Proposition 1 funding workshops, and consideration of approval of the Viking Ranch refinancing.

III. CLOSING PROCEDURE

There being no further business, the Board adjourned at 11:00 a.m. The next Regular Meeting of the Board of Directors is scheduled for April 22, 2015 at the Borrego Water District.

**Borrego Water District
MINUTES
Regular Meeting of the Board of Directors
Wednesday, April 22, 2015
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 Brecht,
Secretary/Treasurer Tatusko, Delahay
 Absent: Estep

Staff: Jerry Rolwing, General Manager
 Greg Holloway, Operations Manager
 Kim Pitman, Administration Manager
 Wendy Quinn, Recording Secretary

Public: Jack Kuhrts Peter Kuchinsky, ACWA/JPIA
 Jeannie Beck, *Borrego Sun* Chuck Muse, JPIA
 Jim Whalen, Gildred Cos. Jim Engelke, Jack Light
 Bob McKee Kathy Johnston
 Bill Burton Darby Burton

- D. Approval of Agenda: *MSC: Brecht/Tatusko approving the Agenda as written.*

- E. Approval of Minutes:

Special meeting of March 17, 2015

MSC: Brecht/Delahay approving the Minutes of the Special Meeting of March 17, 2015 as written.

Regular meeting of March 25, 2015

MSC: Brecht/Delahay approving the Minutes of the Regular Meeting of March 25, 2015 as written.

Town Hall meeting of March 25, 2015

MSC: Brecht/Delahay approving the Minutes of the Town Hall Meeting of March 25, 2015 as corrected (page 3, Agenda page 11, second line, change to read, "A proportional share based on a blended system would be most equally apportioned"; next-to-the last paragraph, change in part to read, ". . . where the GSP development funding would come from . . ."; page 4, Agenda page 12, second paragraph, change in part to read, ". . . he was aware of no adjudicated basins in California that did not rely on supplemental water)."

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

- G. Comments from the Public and Requests for Future Agenda Items: None

H. Correspondence: Letter from J. Hoyt: Jerry Rolwing invited the Board's attention to Joya Hoyt's comments on the Town Hall meeting.

II. CURRENT BUSINESS MATTERS

A. Presentation by JPIA Executive Member, Chuck Muse, regarding refund: Mr. Muse presented the District with an insurance refund check in recognition of its safety record, noting that nine staff members had completed twelve relevant courses.

B. Discussion and possible approval of construction water sales to Ocotillo Wells solar farm: Mr. Rolwing referred to a handout summarizing plans for dust control at the proposed Ocotillo Wells solar farm. Director Brecht felt the two water credits planned to be acquired for mitigation were insufficient, and recommended eight credits. Jim Whalen of Gildred Companies replied that eight would be acceptable, and Mr. Rolwing agreed to prepare a codicil memorializing the agreement. Bob McKee pointed out that there are wells on the solar farm property, and he wondered why BWD construction water was required. President Hart explained that the wells would provide sufficient water for ongoing maintenance once the facility was constructed, but more was needed during construction. *MSC: Brecht/Tatusko agreeing to provide water to the Ocotillo Wells solar farm during construction at \$5.50 per unit, contingent upon agreement to the codicil setting forth today's discussion.*

C. Discussion of Executive Order B-29-15 regarding emergency twenty-five percent (25%) mandatory water use reductions amid the California drought: Mr. Rolwing invited the Board's attention to his comment letter to the State Water Resources Control Board, included in his Manager's Report in the Board package. The SWRCB Board will consider adoption of its proposed framework for the mandatory water use reductions on May 5 or 6. Director Brecht suggested the Due Diligence Committee work with Mr. Rolwing to prepare additional comments. Some of the requirements do not make sense for Borrego Springs.

Mr. Rolwing noted that he is still getting requests for irrigation audits, which the District offered at one time as part of its conservation program. He will prepare a breakdown of the various costs associated with this program.

President Hart brought up a recent court case indicating that tiered water rates may be indefensible. Director Brecht explained that tiered rates may still be imposed, but must be tied to the actual cost of providing water and different levels of usage. Mr. Rolwing distributed a handout analyzing the case.

D. Discussion of Groundwater Sustainability Plan (GSP) funding options: Director Brecht pointed out that BWD needs to find out whether the Borrego Water Coalition is on board with BWD's approach to identifying GSP funding options. BWC will discuss it at their next meeting, and if agreed, an engineering firm could be retained to develop cost estimates.

Mr. McKee expressed concern about the expenditure of funds for solar energy at the wastewater treatment plant, in view of the District's goal to become credit-worthy. Director Brecht explained that the goal is to become credit-worthy by 2016-17. He added that funds for the solar project came from reserves and will save money for the District in the long run.

E. Discussion and possible approval of Resolution 2015-04-01, to accept terms and conditions for a loan from BBVA Bank to refinance Viking Ranch loan: President Hart introduced the item, which would providing a funding mechanism to pay off the existing note on the Viking Ranch loan and save the District approximately \$1 million. Director Brecht noted that in the last "Whereas" in the proposed Resolution, the date of BBVA Compass Bank's proposal should be changed to April 21, 2015. He went on to summarize the terms of the proposal, which would be a taxable obligation for an amount up to \$1.25 million, a term of ten years, and an interest rate of approximately 4.9 percent. The quarterly payments would be \$36,000. The District will get a \$300,000 discount on the original note and save \$693,000 in

interest. The taxable status was chosen so the District would have the flexibility to dispose of land or water credits during the term of the loan if it so chooses. **MSC: Brecht/Delahay adopting Resolution 2015-04-01, accepting the terms and conditions for a loan from BBVA Compass Bank to refinance the Viking Ranch loan.** President Hart asked Kim Pitman and the Due Diligence Committee to investigate opportunities to do business with BBVA in other areas.

F. Prop 1 funding workshop review of March 25, 2015 and April 16, 2015: Director Tatusko summarized his written report, included in the Board package, concerning the workshops he and Mr. Rolwing attended relative to Proposition 1 funding. There is an allocation of \$1.1 billion for drinking water storage, wastewater treatment, recycling and water quality monitoring and improvements. This includes \$300 million in low-cost loans and \$300 million in grants, beginning in July 2015. Some of the funds are earmarked for small communities and disadvantaged communities, for both of which Borrego Springs qualifies. The Operations and Management Committee has suggested some suitable projects for applications, and Mr. Rolwing will continue to work on this with the Committee and staff. Director Tatusko will prepare a spreadsheet for the next meeting, identifying options and potential costs.

G. Review of Planning Calendar: In response to questions from Director Brecht, Mr. Rolwing reported that the Raftelis spare capacity cost analysis would be available next week, the CASGEM water level data has been submitted, and Ms. Pitman is working on the draft budget document. President Hart asked that a CIP meeting be scheduled. Director Brecht recommended that draft MOU with the County and the proposal for mechanism(s) to pay for GSP development be moved to September. Director Brecht requested a draft budget document and draft rate resolution for the May workshop, and President Hart requested that the water credit policy also be included in that Agenda.

III. STAFF REPORTS

A. Financial Reports – March 2015: Ms. Pitman noted that she had added a separate line for groundwater management accounting. She offered to answer questions on her written report.

B. General Manager/Operations Report: Mr. Rolwing responded to comments concerning his written report. Mr. McKee expressed concern that Borrego's status as a disadvantaged community for grant purposes was in jeopardy because the high percentage of retirees (per the Social Security website) was not taken into consideration. Mr. Rolwing pointed out that many retirees have supplemental income sources.

C. Water and Wastewater Operations Report – March 2015:

D. Water Production/Use Records - March 2015:

The Water and Wastewater Operations Report and the Water Production/Use Records were included in the Board package.

VI. ATTORNEY'S REPORT

None

VII. COMMITTEE REPORTS & PROPOSALS

Ad Hoc Committees

1. Audit Committee

Director Brecht reported that the Committee was working with staff on the financial highlights and transmittal letter for this year's audit. He hoped to have the audit in early September.

2. Due-Diligence

Director Brecht reported that the Committee was continuing to work on the Viking refinancing, the GSP economic analysis and the water pricing update for FY 2016. He hoped to meet with counsel regarding a funding mechanism for GSP development costs, and was awaiting regulations from the SWRCB in preparation for work on the mandatory water reductions.

The Committee is also working with counsel on a letter to the City Council urging that the application to serve as Groundwater Sustainability Agency be submitted now, instead of waiting until 2017. Director Brecht reported he attended a lecture sponsored by ABDNHA, featuring a UCI professor who also works for the Jet Propulsion Laboratory. The topic was the use of satellites to measure groundwater extraction. Director Tatusko volunteered to draft a thank-you letter to ABDNHA, and President Hart suggested he include a request that if they schedule future presentations, the BWD Board have an opportunity to meet with the lecturer(s) ahead of time.

3. Strategic Planning Committee/IRWM

President Hart reported that the Committee met with the BWC and has prepared three briefing papers for their next meeting to clarify the BWC's recommendations. The Due Diligence Committee has taken over discussions with the County on the GSP, and Director Tatusko said they would continue.

4. Executive Committee

President Hart reported that the Committee had been working on the Club Circle Golf Course lease and an update of the water credit policy.

5. Operations & Management Committee

Director Delahay noted that most of the Committee's activities had been discussed previously. Director Tatusko reported that they met with Mr. Rolwing, David Dale, Greg Holloway, Cody Cox and a representative of JC Labs to discuss the Capital Improvement Plan.

6. Parks Committee

Director Brecht explained that the County has \$2 million dedicated to development of a park in Borrego, but needs to identify a funding mechanism for operations and maintenance. Mr. Rolwing announced that the County Parks and Recreation Department has scheduled a "listening session" on April 29, 4:30 p.m. at the High School to discuss this. The Board agreed to publicize it via the BWD website and e-mail.

7. CFD Committee

Director Brecht reported that T2 Borrego is talking to legal counsel about restructuring the Community Facilities District debt. So far the terms appear advantageous.

VI. INFORMATION ITEMS

A. California Assembly members push to speed up water storage: Director Tatusko invited the Board's attention to an article in the Board package regarding pending legislation which would remove or modify certain CEQA requirements to facilitate construction of new water storage facilities.

B. Mr. Rolwing reported that a BWD customer received a call, purportedly from BWD, asking to inspect their home. The District does not do this by telephone. It was agreed to

publicize the issue in the newspaper, on the District website, via e-mail and in the monthly water bills. Law enforcement will also be notified.

VII. CLOSED SESSION

Conference with Legal Counsel – Anticipated Litigation

A. Significant exposure to litigation pursuant to paragraph (2) of subdivision (d) of Government Code section 54956.9. One potential case: The Board adjourned to closed session at 11:05 a.m. The open session reconvened at 1:00 p.m. There was no reportable action.

VIII. CLOSING PROCEDURE

There being no further business, the Board adjourned at 1:00 p.m. The next Special Meeting of the Board of Directors is scheduled for May 19, 2015 at the Borrego Water District. The next Regular Meeting of the Board of Directors is scheduled for May 27, 2015 at the Borrego Water District.

CDCR
RANDOLPH E PRENDAS
BORREGO SPRINGS CA 92004

THE BOARD,
BORREGO WATER DISTRICT.

SIRS, MADAMES

paying for what I do not use is unconscionable. SDG&E does not charge for the dartsers in my house. They do not charge for the equipment installed at the house to provide electricity. Why do you think that you have the right to charge for unused water in perpetuity?

When I attempt to pay your bill on the phone, I am told, "We cannot accept payments over the phone." When I attempt to pay on-line through my financial institution the transaction gets lost for days until a late fee is assessed and the payment is lost for months. From your end.

Why do I have to buy a shut off valve in order to reduce my bill when you continue to charge anyway? Your draconian fees, charges and rates add up to extortion. I do not agree with your "meter readings" either. To end this I turn the water off, as I asked. Of course I

told that accomodation can only be made once every six months because we don't have staff for that."

Please stop charging me for what I do not use. That is a fair solution to this travesty of justice.

Your prompt response to this matter is urgently anticipated.

Sincerely,




May 13, 2015

Mr. Lyle Brecht
Borrego Water District
806 Palm Canyon Drive
Borrego Springs, CA

RE: Shared Allocation of Groundwater Sustainability Plan (GSP) development costs

Dear Lyle:

The Borrego Water Coalition approved, in concept, a blended shared allocation of the development costs for the GSP. We understand that costs will be shared between Agriculture, Municipal users and Recreational users. Our conceptual approval is based upon the final blended share determination and final estimated costs, once known.

Please advise the Borrego Water Coalition when this blended shared allocation recommendation and cost has been established.

Borrego Water Coalition

A handwritten signature in blue ink, which appears to read "Jim Moxham".

Jim Moxham

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FIRST AMENDMENT TO MANAGMENT AGREEMENT

THIS FIRST AMENDMENT TO THE MANAGEMENT AGREEMENT (the "Agreement"), is made and executed this _____ day of May 2015 by and between Robert Moore d/b/a Green Desert Landscape ("Contractor") and BORREGO WATER DISTRICT ("BWD"), a public corporation, organized and existing under Division 13 of the Water Code of the State of California.

WHEREAS, the BWD and Contractor are parties to an Agreement dated November 1, 2011 with respect to certain landscaping services to be provided by the Contractor at the Club Circle Golf Course and,

WHEREAS, the Agreement is by its terms set to expire on June 30, 2015; and,

WHEREAS, based on changed circumstances following the execution of the Agreement, the Parties now seek to amend the Agreement to extend its term for 24 months to June 30, 2017 and to adjust the rate of the management fee;

NOW THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties hereto agree to amend the Agreement as follows:

1. Section 1 of the Agreement is restated to read as follows:

1. TERM: The term of this Agreement shall commence on November 1, 2011, and shall terminate at 11:59 p.m. on June 30, 2017.

2. Section 8 of the Agreement is restated to read as follows:

8. MANAGEMENT FEE: The parties agree to a monthly management fee of \$ 4770 (Four thousand seven hundred and seventy dollars) to the Contractor. The Contractor is also entitled to any revenue produced by the operation of the Golf Course. BWD will be invoiced at or near the 1st of each month for the previous month's management. BWD agrees to pay each invoice within 30 days of the billing date.

3. All other terms and conditions set forth in the Agreement shall continue in full force and effect.

4. Delivery of a signed copy of this Second Amendment to the Agreement by e-mail or facsimile shall be legal execution and delivery of the Agreement by the signing party.

Contractor: ROBERT MOORE d/b/a GREEN DESERT LANDSCAPE

Dated: _____

By: _____
Robert Moore, Owner

BORREGO WATER DISTRICT, a public corporation

Dated: _____

By: _____
Beth A. Hart, President

		A		B		C		D		E		F	
		PROP 1 WATER QUALITY, SUPPLY AND INFRASTRUCTURE SMALL DISADVANTAGED COMMUNITY (SDAC) IMPROVEMENTS		Prop 1 Project Cost		BWD Priority		LOAN		GRANT		FAAST SUBMITTAL DATE	
		BORREGO WATER DISTRICT (BWD) P.O. BOX 1870 BORREGO SPRINGS, CA 92004 (760) 767-5994		ROM Estimate's		Amount		Amount		Amount			
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**BORREGO WATER DISTRICT
NOTICE OF INCREASE -
WATER & SEWER RATES**

NOTICE IS HEREBY GIVEN that the Board of Directors of the Borrego Water District (the “District”) has approved a rate increase by Board Resolution No. 2011-06-01, adopted on June 22, 2011, and through the budget process, amends the Proposition 218 approved FY 2016 water and sewer rate increase. The FY 2016 water commodity rate will increase 5%, sewer rates 5% and water base rate approximately 19% (monthly meter fee). These increases will be effective July 1, 2015 and beginning with the August 2015 billing.

More information about the water and sewer rates that have been approved is available at the District’s Office located at 806 Palm Canyon Drive, Borrego Springs, California 92004, and on the District’s website at www.borregowd.org.

THIS NOTICE IS HEREBY GIVEN by order of the Board of Directors of the Borrego Water District.

Dated: June 1, 2015

Joseph Tatusko
Secretary of the Board of Directors
Borrego Water District



**DISTRITO DE AGUA DE BORREGO
(BORREGO WATER DISTRICT)
NOTICIA DE INCREMENTO -
TARIFAS DE SERVICIO DE AGUA POTABLE
Y ALCANTARILLADO**

SE NOTIFICA que la mesa directiva del Distrito de Agua de Borrego ha aprobado un incremento de tarifas a través del proceso de ajustar el presupuesto, específicamente por la Resolución N° 2011-06-01 de la Mesa Directiva que fue adoptada el 22 de junio, 2011. El incremento enmienda las tarifas aprobadas según Proposición 218 para el año fiscal 2016. Durante el año fiscal 2016, se aumentarán el 5% a la tarifa del servicio de comodidad de agua y el 5% al servicio alcantarillado, al servicio base de agua aproximadamente 19%. Los incrementos comienzan el 1° día de julio, 2015. Se puede ver los efectos de los cambios en la cuenta del mes de agosto, 2015.

Se puede ver más información sobre las tarifas de agua potable y alcantarillado en la Oficina del Distrito (Borrego Water District), 806 Palm Canyon Drive, Borrego Springs, CA, 92004, y también por el sitio de web del Distrito, www.borregowd.org.

ESTA NOTICIA ES DADO por el orden de la mesa directiva del Distrito de Agua de Borrego.

Fecha: June 1, 2015

Sr. Joseph Tatusko
Secretario de la Mesa Directiva
Borrego Water District

BORREGO WATER DISTRICT

FISCAL YEAR 2015-2016

ANNUAL BUDGET

MAY 27, 2015

SUBMITTED BY:

**JERRY ROLWING
GENERAL MANAGER**

TO:

BOARD OF DIRECTORS

**BETH HART
PRESIDENT**

**LYLE BRECHT
VICE-PRESIDENT**

**JOE TATUSKO
SECRETARY/TREASURER**

**LEE ESTEP
DIRECTOR**

**RAYMOND DELAHAY
DIRECTOR**

**FISCAL YEAR 2015-2016
ANNUAL BUDGET
MAY 27, 2015**

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May 27, 2015

Board of Directors:

This Fiscal Year 2015-2016 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 2016 consolidated budget package represent management's best assessment of a "bare-bones" budget to successfully accomplish the District's goals and priorities for FY 2016. 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 2016 projected to be approximately \$3,802,713. This represents a projected revenues decrease of less than 1% from FY 2015 projected actual revenues. The FY 2016 projected revenues assumes an approximate increase in the water commodity rate of 5%, base water rate of 19%, and 5% for sewer rates from FY 2015. O&M expenses are projected to be approximately \$2,672,956. Non O&M expenses (including CIP costs) for FY 2016 are projected to be approximately \$1,202,678. The FY 2016 budget includes an increase in both O&M and CIP costs for infrastructure repairs to the 35 year old waste water treatment plant. In addition, the electrical budget has been increased to address rising electrical costs and increased lift costs for the water production wells due to the lowering of the water table. The FY 2106 budget also addresses the aging rolling stock of our maintenance fleet. The two existing backhoes are over ten years old and are the primary pieces of equipment utilized by the water maintenance staff. Also, the San Diego Air Pollution Control District has contacted us in regards to California regulations requiring more stringent emissions packages. It was determined by the O&M Committee that we need to begin the rotating out of the older diesel equipment.

Included in this budget package are the proposed Board Resolution to adopt and approve the FY 2016 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

RESOLUTION NO. 2015-05-02

RESOLUTION OF THE BOARD OF DIRECTORS OF THE BORREGO WATER DISTRICT APPROVING THE OPERATIONS, MAINTENANCE, CAPITAL IMPROVEMENTS AND GROUNDWATER MANAGEMENT BUDGETS AND BOARD DESIGNATED RESERVES FUND POLICY FOR FISCAL YEAR 2015-2016

WHEREAS, the Board of Directors has reviewed and considered the Budget as presented for Fiscal Year 2015-2016 hereinafter referred to as the “Budget” which is attached hereto as Exhibit A and incorporated by reference, and

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

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

NOW, THEREFORE, BE IT RESOLVED by the Board of Directors of the Borrego Water District, that the Budget and each and every part thereof, is hereby approved and adopted for the Fiscal Year 2015-2016.

PASSED, ADOPTED AND APPROVED at a regular meeting of the Board of Directors of the Borrego Water District held on May 27, 2015.

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

ATTEST:

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

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

I, Joseph Tatusko, Secretary of the Board of Directors of the Borrego Water District, do hereby certify that the foregoing resolution was duly adopted by the Board of Directors of said District at a regular meeting held on the 27th day of May, 2015, and that it was so adopted by the following vote:

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

 Secretary of the Board of Directors of
 Borrego Water District

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

I, Joseph Tatusko, Secretary of the Board of Directors of the Borrego Water District, do hereby certify that the above and foregoing is a full, true and correct copy of RESOLUTION NO. 2015-05-02, of said Board, and that the same has not been amended or repealed.

Dated: May 27, 2015

 Secretary of the Board of Directors of
 Borrego Water District

	C	AV	BK	BN	BO	BP
1	BWD			5/19/2015	5% increase	5/27/2015
2	PROPOSED BUDGET	ADOPTED	YTD + PROJ MONTHS>>	PROPOSED	3%	ADOPTED
3	2015-2016	BUDGET	PROJECTED	BUDGET	Net Water	BUDGET
4		2014-2015	2014-2015	2015-2016	Increase	2015-2016
5	REVENUE					
6	WATER REVENUE					
7	Residential Water Sales	899,221	973,193	905,000	27,150	932,150
8	Commercial Water Sales	120,570	125,677	125,000	3,750	128,750
9	Irrigation Water Sales	142,918	161,370	139,000	4,170	143,170
10	GWM Surcharge	114,930	114,013	114,000	3,420	117,420
11	Water Sales Power Portion	364,158	365,285	363,000	10,890	373,890
12	Drought Penalty-1%			(9,045)		(9,045)
13	Drought Rates-5.5%			(40,781)		(40,781)
14	TOTAL WATER COMMODITY REVENUE:	1,641,799		1,596,174	49,380	1,645,554
15					METER FEE INCREASE	
16					19%	
17	Readiness Water Charge	1,080,000	1,131,938	1,122,000	213,180	1,335,180
22	Reconnect Fees	4,080	2,380	1,700		1,700
23	Backflow Testing/installation	4,600	6,708	6,500		6,500
25	Penalty & Interest Water Collection	6,000	12,474	9,600		9,600
26	TOTAL WATER REVENUE:	2,773,387	3,087,352	2,735,974	262,560	2,998,534
27						
28	PROPERTY ASSESSMENTS/AVAILABILITY CHARGES					
29	641500 1% Property Assessments	64,625	74,261	64,000		64,000
30	641502 Property Assess wtr/swr/flid	1,650	106,179	60,000		60,000
32	641501 Water avail Standby	82,559	86,102	84,000		84,000
34	641504 ID 3 Water Standby (La Casa)	33,722	34,649	34,000		34,000
35	641503 Pest standby	17,938	17,268	17,000		17,000
36	TOTAL PROPERTY ASSES/AVAIL CHARGES:	200,493	318,459	259,000		259,000
37						
38	SEWER SERVICE CHARGES				5% INCREASE	
39	#NAME?	170,190	171,277	171,240	SEWER	171,240
40	Town Center Sewer User Fees	38,040	36,560	39,960		39,960
41	Sewer user Fees	345,125	321,091	318,000	15,900	333,900
45	TOTAL SEWER SERVICE CHARGES:	555,515	528,948	529,200	15,900	545,100
46						
47	OTHER INCOME					
51	Miscellaneous Income (net csd fee/JPIA rebate/check free)	15,880	33,912			
52	Water Credits income-Administrative fee	8,250	5,250			
56	Interest Income	80	79	80		80
57	TOTAL OTHER INCOME:	24,210	39,240	80		80
58						
59	TOTAL INCOME:	3,553,605	3,973,999	3,524,253	278,460	3,802,713

	C	AV	BK	BN	BO	BP
1	BWD			5/19/2015	5% increase	5/27/2015
2	PROPOSED BUDGET	ADOPTED	YTD + PROJ MONTHS>>	PROPOSED	3%	ADOPTED
3	2015-2016	BUDGET	PROJECTED	BUDGET	Net Water	BUDGET
4		2014-2015	2014-2015	2015-2016	Increase	2015-2016
68	EXPENSES					
69						
70	MAINTENANCE EXPENSE					
71	R & M Buildings & Equipment	142,000	210,552	185,000		185,000
72	R & M - WWTP	60,000	65,114	132,000		132,000
73	Telemetry	20,000	7,232	10,000		10,000
74	Trash Removal	3,600	3,357	4,000		4,000
75	Vehicle Expense	18,000	20,759	18,000		18,000
76	Fuel & Oil	33,000	23,686	25,000		25,000
77	TOTAL MAINTENANCE EXPENSE:	276,600	330,699	374,000		374,000
78						
79	PROFESSIONAL SERVICES EXPENSE					
80	Tax Accounting (Taussig)	3,000	2,017	3,000		3,000
81	Administrative Services (ADP/Bank Fees)	6,000	5,509	6,000		6,000
82	Audit Fees	14,439	14,439	14,439		14,439
83	Computer billing-TBD	18,250	5,846	9,900		9,900
84	Consulting/Technical/Contract Labor	1,200	200	1,200		1,200
85	Engineering	35,000	20,690	35,000		35,000
86	District Legal Services	20,000	20,900	30,000		30,000
87	Testing/lab work	18,000	14,651	12,000		12,000
88	Regulatory Permit Fees	38,000	30,494	33,000		33,000
89	TOTAL PROFESSIONAL SERVICES EXPENSE:	153,889	114,746	144,539		144,539
90						
91	INSURANCE/DEBT EXPENSE					
92	ACWA Insurance	74,000	57,725	59,000		59,000
93	Workers Comp	14,400	15,384	16,000		16,000
94	COP 2008 Installment	255,713	255,713	254,525		254,525
95	Viking Ranch Refinance closing costs/Debt repayment		202,592	143,312		143,312
96	TOTAL INSURANCE/DEBT EXPENSE:	344,113	531,414	472,837		472,837
97						
98	PERSONNEL EXPENSE					
99	Board Meeting Expense (board stipend/board secretary)	12,870	12,490	16,500		16,500
100	Salaries & Wages (gross)	730,000	725,085	761,000		761,000
101	Taxes on Payroll	15,500	17,311	20,000		20,000
102	Medical Insurance Benefits	180,000	178,336	185,000		185,000
103	Calpers Retirement Benefits	162,000	158,194	169,200		169,200
104	Salaries & Wages contra account	(12,195)	(11,250)	(14,520)		(14,520)
105	Conference/Conventions/Training/Seminars	7,000	6,563	7,000		7,000
106	TOTAL PERSONNEL EXPENSE:	1,095,175	1,086,728	1,144,180		1,144,180
107						
108	OFFICE EXPENSE					
109	Office Supplies	18,000	22,296	18,000		18,000
110	Office Equipment/ Rental/Maintenance Agreements	25,000	30,526	25,000		25,000
111	Postage & Freight	13,000	14,465	13,000		13,000
112	Taxes on Property	2,366	2,375	2,500		2,500
113	Telephone/Answering Service	7,674	8,610	8,400		8,400
114	Dues & Subscriptions	3,970	3,594	3,600		3,600
115	Printing, Publications & Notices	838	977	1,000		1,000
116	Uniforms	6,000	4,790	5,400		5,400
117	OSHA Requirements/Emergency preparedness	4,500	2,135	4,000		4,000
118	TOTAL OFFICE EXPENSE:	81,347	89,767	80,900		80,900
119						
120	UTILITIES EXPENSE					
121	Pumping-Electricity	360,000	453,907	430,000		430,000
122	Office/Shop Utilities	17,319	19,367	19,000		19,000
123	Cellular Phone	8,000	7,938	7,500		7,500
124	TOTAL UTILITIES EXPENSE:	385,319	481,212	456,500		456,500
125						
126	TOTAL EXPENSES:	2,336,442	2,634,566	2,672,956		2,672,956
135						
136	NET CASH FLOW (O&M)	1,219,433	1,258,286	851,298	278,460	1,129,758

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1	BWD			5/19/2015	5% increase	5/27/2015
2	PROPOSED BUDGET	ADOPTED	YTD + PROJ MONTHS>>	PROPOSED	3%	ADOPTED
3	2015-2016	BUDGET	PROJECTED	BUDGET	Net Water	BUDGET
4		2014-2015	2014-2015	2015-2016	Increase	2015-2016
137	NON O & M EXPENSES					
138	Water					
139	Twin Tanks, 1970's-inside coating (rescheduled into 2015-2016)		-	125,000		125,000
140	Pickup		-	30,000		30,000
141	Backhoe		-	150,000		150,000
142	ID 5-5, 200 HP	10,000	-	10,000		10,000
143	Pipeline-Bending Elbow Road-Second Half		-	55,590		55,590
144	Rewind motors-ID1-12/ID5-5	30,000	15,000			
145	Pump and Cleaning Well ID4-4	60,000	-	70,000		70,000
146	Booster Station Motors-Country Club & ID1 station 1 #2 30 hp	16,000	8,000	8,000		8,000
147	Circle J Pipeline project	57,000	-			
148	Air Quality Compliance-Wilcox Well	40,000	-	37,000		37,000
151	Sewer					
152	WWTP-Skid Steer	65,000	64,587			
153	WWTP-Portable engine driven trash pump/Backup generator	10,000	6,448	92,000		92,000
154	WWTP-Rehab grit chamber & sludge holding tank diffuser system	30,000	38,862			
155	WWTP-Rehab grit chamber		-	6,000		6,000
156	WWTP-Jetting & Vactor Truck Service	10,000	10,000			
157	WWTP-Rehab Clarifier/pump/bearings	40,000	40,000	66,500		66,500
158	WWTP-Video Collection Lines	25,000	25,000			
159	WWTP-Solar Project		51,272	205,088		205,088
160	Collection system repairs \$25,000/manhole replacement \$50,000	75,000	75,000			
162	GWM					
164	GWM -legal/Misc.	15,000	110,689	60,000		60,000
165	District portion of GSP		-	80,000		80,000
172	218 Process	110,000	-	110,000		110,000
177	OTHER					
178	Lugo building repairs	5,000	1,400			
179	Trailer to haul pipe	10,000	10,000			
181	GPS Locating System		-	12,000		12,000
183	New Computer for server and new Software system	10,000	10,000	85,500		85,500
191	TOTAL NON O&M EXPENSES	688,000	615,891	1,202,678		1,202,678
192						
193	CASH RECAP					
194	Cash beginning of period	1,688,382	1,969,053	2,611,448		2,611,448
195	Net Cash Flow (O&M)	1,219,433	1,258,286	851,298		1,129,758
196	Total Non O&M Expenses	(688,000)	(615,891)	(1,202,678)		(1,202,678)
197	CASH AT END OF PERIOD	2,219,815	2,611,448	2,260,068		2,538,528
198						
199	RESERVES					
200	Working Capital (4 months)	(750,000)	(750,000)	(900,000)		(900,000)
202	Contingency Reserves (10% o&m)			(270,000)		(270,000)
203	Rate Stabilization Reserves					
204	Available for Emergency Reserves	1,169,815	1,861,448	1,090,068		1,368,528
205	Target Emergency Reserves	2,000,000	2,000,000	2,000,000		2,000,000
206	Emergency Reserves Deficit	(830,185)	(138,552)	(909,932)		(631,472)

	B	C	D	E	F
4					
5					
6	BWD				
7	INCOME/EXPENSE				
8	CONDENSED BUDGET				
9	2015-2016				
10	Adopted 05/27/15				
11					
12					
13					
14		TOTAL			
15		BUDGET	WATER	ID4-WATER	SEWER
16	REVENUE				
17					
18	Water Sales	2,863,313.31	1,145,325	1,717,988	
19	GWM Surcharge	117,420	46,968	70,452	
21	1% Property Assessment	64,000	25,600	38,400	
22	Water Availability Standby	194,999.81	78,000	117,000	
23	Sewer Revenue	545,100			545,100
26	Interest Income	80	27	40	13
31	Other Income	17,800	7,120	10,680	
32	TOTAL PROPOSED INCOME FY 2016:	3,802,713	1,303,041	1,954,560	545,113
34					
35					
36	EXPENSE				
37					
38	Repairs & Maintenance	374,000	96,800	145,200	132,000
39	Professional Services	144,539	49,528	74,291	20,719
40	Insurance	75,000	25,700	38,549	10,751
41	Personnel Expense	789,980	270,695	406,042	113,242
42	Employee Benefits	354,200	121,371	182,056	50,774
43	Office expense	80,900	27,721	41,582	11,597
44	Utilities	456,500	156,425	234,637	65,439
45	Debt Expense-COP 2008	254,525	-	254,525	-
46	Viking Ranch Refinance	143,312	49,107.49	73,661.21	20,543.58
47	TOTAL PROPOSED EXPENSE FY 2016:	2,672,956	797,346	1,450,544	425,066
48					
49	NET INCOME (EXPENSE):	1,129,758	505,694	504,016	120,047
50					
51	TOTAL NON O & M EXPENSE:	1,202,678	\$ 285,467	\$ 428,201	\$ 489,010
52					
53	TOTAL NET CASH FLOW FY 2016:	(72,920)	220,227	75,816	(368,963)

MEMORANDUM

DATE: May 27, 2015

TO: Borrego Water District Board of Directors

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

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

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

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

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

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

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

Short Lived Assets

Wells

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

Tanks

The California Department of Health Services requires the District to physically inspect the inside of the domestic water reservoirs every three years. This service is performed by a consultant that utilizes divers and provides a written report as well as a video. There is one steel reservoir that is equipped with cathodic protection that was resurfaced last year. One of our five bolted steel (galvanized) tanks will need inside coating in this year. 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. The bladder in the 800 Reservoir was replaced last year and the Reclaim Reservoir #2 has failed and is no longer utilized. The remaining six reservoirs were constructed with galvanized metal which historically has proven to be compatible with the constituents in our local groundwater. We will be investigating methods of rehabilitation for these tanks over the next year.

Booster Stations

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

Wastewater Plant

The costs associated with the wastewater operations are based on historical records and anticipated repairs by the wastewater treatment plant operator and District engineering consultants. In order to maintain infrastructure integrity, a ten year program is included to re-build the concrete facilities that are showing sign of deterioration from the harsh desert climate over the past 25 years. We have also included a project to video the sewer collection mains in years three and five. 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. Other considerations include State engine emissions requirements as they become more stringent.

Capital Improvement Program (CIP)

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

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

Wastewater Plant

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

Pressure Reducing Stations

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

Pipelines

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

Other Infrastructure

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

Groundwater Management

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

	A	C	D	E	F	G	H	I	J	K	L
		FY 2015-16	FY 2016-17	FY 2017-18	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26
1 Wells											
2 ID1-8, 125 Hp											
3 ID1-10, 150 Hp											
4 ID1-12, 200 Hp											
5 ID1-16, 300 Hp											
6 Wilcox, Diesel drive											
7 ID4-4, 150 Hp											
8 ID4-10, 30 Hp											
9 ID4-11, 200 Hp											
10 ID4-18											
11 ID5-5, 200 Hp											
12 Air Quality Compliance											
13											
14 Tanks											
15 Rams Hill #1, 1980 steel, needs inside coating, 1.25 MG*											
16 Rams Hill #2, 1980 galv, 0.44 MG, repairs - engineering study											
17 800 Tank, Hyperion, .75 MG											
18 Reclaim #1, 1985, galv repaired 2010 0.4 MG											
19 Reclaim #2, Hyperion 2007, 1 MG, reconfigure plumbing											
20 Indianhead, 1970's 1-0.22MG, inside coating											
21 Twin Tanks, 1970's 2-0.22 MG, inside coating (two tanks, one per year)											
22 Country Club, 1999 1.0 MG											
23											
24 Booster/Pressure Reducing Sta.											
25 ID1, Booster Sta. 1, #1, 30 Hp											
26 ID1, Booster Sta. 1, #2, 30 Hp											
27 ID1, Booster Sta. 1, #3, 50 Hp											
28 ID1, Booster Sta. 2, #4, 30 Hp											
29 ID1, Booster Sta. 2, #5, 30 Hp											
30 ID1, Booster Sta. 2, #6, 50 Hp											
31 ID4, Booster Sta. 3, #7, 25 Hp											
32											
33 Wastewater Plant											
34 Shredder Cutters											
35 Motor and Gear Reducers for Brushes											
36 Wastewater Return Pump											
37 Video Collection Lines											
38 Backup Generator and portable pump for Lift Station											
39 Equipment											
40 Sewer Tractor/loader											
41 Tractor repair/roadwork blade											
42 Backhoe											
43 pickups											
44 Big Truck											
45 Computers/Office Equipment-New billing/accounting software											
46 GPS Locating System											
47 SHORT LIVED ASSETS REPLACEMENT PROGRAM											
		\$ 619,500	\$ 389,600	\$ 311,440	\$ 368,486	\$ 264,278	\$ 290,672	\$ 301,077	\$ 392,853	\$ 423,425	\$ 366,883

Well, Booster Stations, Reservoirs and Associated Transmission Mains	Priority	Reason	2013 COST	FY 2015-16	FY 2016-17	FY 2017-18	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26
Witcox Reservoir, 2.0 MG	1a	1	\$ 1,300,000			\$ 1,495,000							
Witcox Related Transmission Mains	1b	1	\$ 2,000,000			\$ 2,300,000							
Witcox Booster Station/Forebay	1c	1	\$ 400,000			\$ 460,000							
New well north end of Valley	2a	2	\$ 400,000					\$ 484,000					
Transmission mains for new well	2b	2	\$ 375,000					\$ 453,750					
Indianhead Reservoir, 0.5 MG	3a	3	\$ 800,000					\$ 992,000					
Indianhead Transmission Mains	3b	3	\$ 500,000					\$ 620,000					
Water Treatment Facility (Phase 1)	4	4	\$ 500,000					\$ 635,000					\$ 50,000
Water Treatment Facility (Phase 2)	4	4	\$ 500,000					\$ 650,000					\$ 50,000
Wastewater Plant		Reason	2013 COST										
Wastewater plant upgrades	1	5	\$ 40,000	\$ 72,500	\$ 41,200	\$ 42,436	\$ 43,709	\$ 45,020	\$ 46,371	\$ 47,762	\$ 49,195		\$ 50,671
Manhole replacement at La Casa del Zorro, collection system repairs	1	7											
Solar Project	1	8	\$ 205,088										
Pressure Reducing Stations		Reason	2013 COST										
IDA, Reducing Sta. design and installation	1	7	\$ 20,000										\$ 25,400
IDS, Reducing Sta. design and installation	2	7	\$ 25,000										
IDS, Reducing Sta. design and installation, Borrego Valley Rd.	3	8	\$ 25,000		\$ 28,000		\$ 29,500						
Pipelines		Reason	2013 COST										
Borrego Springs Rd. Weatherstone Dr. to Barrel Dr.	1a	9	\$ 56,250		\$ 61,313								
Borrego Springs Rd. Walking H Dr. to Tilting T Dr.	1b	9	\$ 81,375			\$ 91,140							
Borrego Springs Rd. Tilting T Dr. to Country Club Rd. First half	1c	9	\$ 71,250				\$ 81,938						
Borrego Springs Rd. Tilting T Dr. to Country Club Rd. Second half	1d	9	\$ 67,500					\$ 79,650					
Borrego Springs Rd. Christmas Circle to Diamond Bar Dr.	1e	9	\$ 39,000						\$ 47,190				
Borrego Springs Rd. Diamond Bar Dr. to T Anchor Dr.	1f	9	\$ 59,250							\$ 73,470			\$ 39,148
Borrego Springs Rd. Christmas Circle loop	1g	9	\$ 30,825										
Borrego Springs Rd. Upgrade 6" to 10" Country Club rd. to San Pablo Rd.	1h	10	\$ 82,500										\$ 107,250
Borrego Springs Rd. Upgrade 8" to 10" 660' north of Weatherstone Dr.	1i	10	\$ 24,750										\$ 32,918
Country Club Road from Booster Sta #3 south to Sash W Rd.	2	10	\$ 77,000		\$ 86,240								
Borrego Valley Rd. South of Tilting T - Hold for engineering study	2	11											
Circle J Dr.	3	12											
Bending Elbow Rd. Second half	4	11	\$ 54,000										
Double O	5	11	\$ 51,000	\$ 55,590									
Club Circle East	6	13	\$ 90,000		\$ 100,800								
Club Circle West	7	14	\$ 42,000			\$ 48,300							
De Anza Dr. 1600 block	8	14	\$ 42,000				\$ 49,560						
Pointing Rock Dr/Montezuma Rd Loop First half	9	14	\$ 37,500					\$ 45,375					
Pointing Rock Dr/Montezuma Rd Loop Second half	10	14	\$ 46,890					\$ 58,144					
Country Club Road from Tilting T Dr. south to Booster Sta #3	11	14	\$ 46,920						\$ 59,588				\$ 109,200
Country Club Road from Tilting T Dr. south to Booster Sta #3	12	14	\$ 84,000										
Other Infrastructure													
Groundwater Management													
Viking Ranch Flowing													
Viking Ranch Purchase Reserve			\$ 60,000										
Groundwater Management-Legal			\$ 110,000										
Prop 218 Process			\$ 80,000										
District portion of GSP													
TOTAL - CAPITAL IMPROVEMENTS PROGRAM			\$ 583,178	\$ 317,553	\$ 4,436,876	\$ 204,707	\$ 1,107,795	\$ 1,763,705	\$ 841,220	\$ 847,543			\$ 183,588
TOTAL - SHORT LIVED ASSETS (FROM SHEET 2)			\$ 619,500	\$ 389,600	\$ 311,440	\$ 368,486	\$ 264,278	\$ 290,672	\$ 301,077	\$ 392,853			\$ 366,883
Total CIP and Short Lived Assets			\$ 1,202,678	\$ 707,153	\$ 4,748,316	\$ 573,193	\$ 1,372,073	\$ 2,054,377	\$ 1,142,298	\$ 1,240,396			\$ 550,471
REASON EXPLANATION													
1 District-wide Storage		6				11							
2 Additional Water Supply		7				12							
3 Additional Water Storage		8				13							
4 District-wide Water Treatment		9				14							
5 Infrastructure Replacement		10											
NOTE													
3% per year inflation factor added except to sludge removal where 10% was added													

4/25/14

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 2014 dollars) of these improvements are reasonable for planning purposes.

If you have any questions please contact me.

Regards,



David Dale, PE, PLS
Contract Engineer

*Dared out of country
will get updated letter*

BORREGO WATER DISTRICT
POLICY STATEMENT

SUBJECT: CASH RESERVES POLICY

NO: 2011-05-01

ADOPTED: 2011-05-25

AMENDED: 2015-05-27

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 or recommend a rate stabilization reserve.

Many utilities operate in a state of revenue deficiency, which means they either rely on existing reserves, skimp on funding reserves, or defer economically prudent repair and replacement of infrastructure to the distant future where much higher costs will be borne by ratepayers to repair or replace infrastructure that has failed catastrophically. Becoming revenue sufficient means that a utility can count on receiving adequate revenues to fully fund utility operations, including debt service obligations, and some portion of capital improvements from rate revenues, and reserves. Reserve accounts are a vital part of every water and sewer 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 also to replace depleted reserves necessary to operate most economically. For these reasons, the District will maintain reserve funds so as to provide working capital for operations; funds required by law, ordinance and bond covenants; and necessary cash for the scheduled and unscheduled repair and replacement of capital infrastructure; as well as funds set aside for groundwater management purposes.

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

This reserve policy is based upon prudent financial management practices and those amounts required by legal, legislative and contractual obligations that are critical to the financial health of the District. This policy defines required fund types for segregation purposes and their funding levels that are based upon this District's unique operating, capital investment and financial plans.

II. RESTRICTED RESERVES. Restricted Reserves are established and utilized for narrowly defined purposes and are protected by law or covenant. The District's Restricted Reserves are the following:

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

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

III. BOARD DISCRETIONARY RESERVES

Operating or Working Capital Reserves. The purpose of this reserve is to cover temporary cash flow deficiencies caused by timing differences between revenues and expenditures. O&M reserves shall be targeted at an amount equal to four (4) months of the District's budgeted annual operating expenses beginning in FY 2015.

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.

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.

Asset Replacement Reserves. 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 Reserves. 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 2015 is \$2,000,000 that should be sufficient to finance the required cash flow until such time that adequate emergency financing can be secured from conventional outside resources.

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

	A	F	G	H	I
1	BORREGO WATER DISTRICT				
2	FOUR YEAR NET INCOME/ WORKING CAPITAL PROJECTION	Projected	Projected	Projected	Projected
3		FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19
4	Prop 218 Approved Revenue Increases	5%	0%	0%	0%
5	Projected Water Revenue Increase-commodity	5%	0%	0%	0%
6	Expected Water Revenue Increase-commodity	3%	0%	0%	0%
7	Prop 18 approved Water Revenue Increase-base	20%	0%	0%	0%
8	Expected Water Revenue Increase - base	19%	0%	0%	0%
9	Projected/Expected Sewer Revenue Increase	5%	0%	0%	0%
10	Existing Water Rate Revenue -commodity	\$ 1,646,000	\$ 1,695,380	\$ 1,695,380	\$ 1,695,380
11	Existing Water Rate Revenue -base	\$ 1,122,000	\$ 1,335,180	\$ 1,335,180	\$ 1,335,180
12	Additional Water Revenue-commodity	\$ 49,380	\$ -	\$ -	\$ -
13	Additional Water Revenue-base	\$ 213,180	\$ -	\$ -	\$ -
14	Existing Sewer Rate Revenue	\$ 318,000	\$ 333,900	\$ 333,900	\$ 333,900
15	Additional Sewer Revenue	\$ 15,900	\$ -	\$ -	\$ -
16	Less drought penalty 1%/Drought Rates 5.5%	\$ (49,826)			
17	Other non variable Income	\$ 488,080	\$ 488,080	\$ 488,080	\$ 488,080
18	Total Revenue (/w Other Rev.)	\$ 3,802,714	\$ 3,852,540	\$ 3,852,540	\$ 3,852,540
19					
20	O&M Expenses	\$ 2,275,119	\$ 1,878,694	\$ 2,084,966	\$ 2,081,942
21					
22	Net Revenue	\$ 1,527,595	\$ 1,973,846	\$ 1,767,574	\$ 1,770,598
23					
28	CIP Financing				
29	Cash CIP	\$ 1,202,678	\$ 707,153	\$ 4,748,316	\$ 573,193
30	Debt CIP	\$ -	\$ -	\$ -	\$ -
31	**Existing Debt Service				
32	ID 4 Bonds	\$ 254,525	\$ 253,113	\$ 251,476	\$ 254,500
34	Viking Ranch Refinance	\$ 143,312	\$ 143,312	\$ 143,312	\$ 143,312
35					
36	Total Debt Service	\$ 397,837	\$ 396,425	\$ 394,788	\$ 397,812
37					
38	Net Annual Cash Flow	\$ (72,920)	\$ 870,268	\$ (3,375,530)	\$ 799,593
39					
40	Beginning Reserves Level	\$ 2,611,448	\$ 2,538,528	\$ 3,408,796	\$ 33,266
41	Ending Reserves Level	\$ 2,538,528	\$ 3,408,796	\$ 33,266	\$ 832,859
42					
43					

**BORREGO WATER DISTRICT
PROPOSED RATES FOR
FISCAL YEAR 2015-2016**

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 2015	FY 2016 Projected
Sewer Area 1	\$ 31.96	\$ 33.56
Sewer Area 5	\$ 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. 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 2015	FY 2016 Projected
¾ "	\$ 35.12	\$ 42.04
1"	\$ 51.36	\$ 61.45
1 ½"	\$ 86.58	\$103.62
2"	\$131.07	\$156.85
3"	\$238.02	\$284.86
4"	\$379.43	\$454.12
6"	\$757.07	\$906.10

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

	Current Rates FY 2015	FY 2016 Projected
All areas	\$ 2.30	\$ 2.42

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.

Contract / Project	January	February	March	April	May
PAYMENTS					
1	Viking - payment due on 5th anniversary				
2	T2 Borrego	1/1/15: Pay spare cost in advance		Raffelis spare capacity cost analysis	5/1/15 Notice of 2015/2016 spare capacity due.
3	Airport Access Permits				
4	P & I Payment for ID4 COP's		1st half of payments due		
CONTRACTS					
6	American Red Cross-can cancel any time for any reason				
7	Club Circle (Cameron)		option to renew lease by 2/28/2017		
8	Green Desert Landscape		discuss w/ Bob the option of continuing with contract 2/28/2017		
9	Konika Minolta				
10	Secap - postage machine			4/1/2017 send letter of cancellation if desired	
11	San Diego Mailing Solutions (Annual maintenance - postage and stuffer machine)				
12	Ramona Disposal - Club Circle				
13	Ramona Disposal - BWD Dumpsters				
REPORTS					
14	CASGEM			Submit CASGEM water level data	
15	CCR				
16					
17	Cameron Bros. Water Usage Report (golf course) to county				
18	Santago Estate				
19	Annual EAR Report (CDHS)		Due 3/31 for previous year		
20	Check fallow property for water usage				
ADMINISTRATIVE					
21	Audit				Begin audit
22					
23	Budget		Pump check	CIP meeting, draft budget document	Final Budget document / FY Rate Resolution
24	Business Plan	January 2016 - Update Availability Fees (property tax assessments)	March 2015-Identify & Implement Mechanism to pay for GSP costs. March 2016- Update rate structure & water, sewer & WWT rates		
25	Groundwater Sustainability Plan (GSP)	District Meeting Jan. 20 to discuss policy recommendations, DRAFT MOU between County & District	District Meeting February 17th to discuss policy recommendations, Draft MOU of County and District with Coalition; proposal for mechanism(s) to pay for GSP development	District Meeting March 17th to discuss policy recommendations, Draft MOU between County and District; DRAFT MOU of County and District with Coalition; proposal for mechanism(s) to pay for GSP development	
26	Investment Policy				
27	Special Assessments / tax bill resolutions-Taussig				
28	Town Hall Meeting		March 2016		
29	Water Credit Policy		2015- Check if pricing needs to be adjusted (moved to due diligence)		

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

	C	AV	BH	BI	BJ	BK	BL	BM
1	BWD CASH FLOW							
2		ADOPTED	ACTUAL	PROJECTED	ACTUAL	YTD + PROJ MONTHS>>	PROJECTED	PROJECTED
3	2014-2015	BUDGET	APRIL	APRIL	YTD	PROJECTED	MAY	JUNE
4		2014-2015	2015	2015	2014-2015	2014-2015	2015	2015
5	REVENUE							
6	WATER REVENUE							
7	Residential Water Sales	899,221	81,650	80,272	797,282	973,193	81,896	94,016
8	Commercial Water Sales	120,570	12,526	10,861	105,187	125,677	10,688	9,801
9	Irrigation Water Sales	142,918	12,365	9,706	137,244	161,370	11,276	12,850
10	GWM Surcharge	114,930	10,559	9,882	93,807	114,013	10,157	10,050
11	Water Sales Power Portion	364,158	34,129	32,612	302,310	365,285	30,818	32,157
12	Drought Penalty-1%							
13	Drought Rates-5.5%							
14	TOTAL WATER COMMODITY REVENUE:	1,641,799						
15								
16								
17	Readiness Water Charge	1,080,000	94,068	94,000	943,938	1,131,938	94,000	94,000
18	Readiness Water Charge - Liened properties	27,600	0	750	568	2,068	750	750
20	Meter Installation	5,809	0	0	930	930	0	0
22	Reconnect Fees	4,080	0	340	1,700	2,380	340	340
23	Backflow Testing/Installation	4,600	50	0	6,708	6,708	0	0
24	Bulk Water Sales	3,500	0	482	286	1,686	750	650
25	Penalty & Interest Water Collection	6,000	1,574	500	11,474	12,474	500	500
26	TOTAL WATER REVENUE:	2,773,387	246,920	239,405	2,591,064	3,087,352	241,174	255,114
27								
28	PROPERTY ASSESSMENTS/AVAILABILITY CHARGES							
29	641500 1% Property Assessments	64,625	18,015	18,015	64,301	74,261	8,693	1,267
30	641502 Property Assess wtr/swr/fld	1,650	1,072	1,072	59,600	106,179	46,578	0
32	641501 Water avail Standby	82,559	4,363	4,363	67,224	86,102	14,722	4,156
34	641504 ID 3 Water Standby (La Casa)	33,722	617	617	20,949	34,649	13,210	490
35	641503 Pest standby	17,938	559	559	11,881	17,268	4,864	523
36	TOTAL PROPERTY ASSES/AVAIL CHARGES:	200,493	24,626	24,626	223,957	318,459	88,067	6,435
37								
38	SEWER SERVICE CHARGES							
39	Town Center Sewer Holder's Fees	170,190	14,274	14,000	142,737	171,277	14,270	14,270
40	Town Center Sewer User Fees	38,040	3,330	3,170	29,900	36,560	3,330	3,330
41	Sewer user Fees	345,125	26,890	27,000	268,091	321,091	26,500	26,500
42	Sewer-liened	2,160	0	180	-	-	0	0
45	TOTAL SEWER SERVICE CHARGES:	555,515	44,493	44,350	440,748	528,948	44,100	44,100
46								
47	OTHER INCOME							
51	Miscellaneous Income (net csd fee/JPIA rebate/check free)	15,880	33,157	80	33,752	33,912	80	80
52	Water Credits income-Administrative fee	8,250	0	2,750	5,250	5,250	0	0
56	Interest Income	80	15	16	61	79	2	16
57	TOTAL OTHER INCOME:	24,210	33,173	2,846	39,062	39,240	82	96
58								
59	TOTAL INCOME:	3,553,605	349,213	311,316	3,294,831	3,973,999	373,423	305,745
60								
61	CASH BASIS ADJUSTMENTS							
62	Decrease (Increase) in Accounts Receivable		(44,237)	0	6,753	6,753	0	0
63	CC Golf Equipment receivable	2,270	189	189	1,892	2,270	189	189
64	Other Cash Basis Adjustments		0	0	850	850	0	0
65	TOTAL CASH BASIS ADJUSTMENTS:	2,270	(44,048)	189	9,495	9,873	189	189
66								
67	TOTAL INCOME RECEIVED:	3,555,875	305,165	311,505	3,304,325	3,983,872	373,613	305,934

	C	AV	BH	BI	BJ	BK	BL	BM
1	BWD CASH FLOW							
2		ADOPTED	ACTUAL	PROJECTED	ACTUAL	YTD + PROJ MONTHS>>	PROJECTED	PROJECTED
3	2014-2015	BUDGET	APRIL	APRIL	YTD	PROJECTED	MAY	JUNE
4		2014-2015	2015	2015	2014-2015	2014-2015	2015	2015
68	EXPENSES							
69								
70	MAINTENANCE EXPENSE							
71	R & M Buildings & Equipment	142,000	21,304	10,000	190,552	210,552	10,000	10,000
72	R & M - WWTP	60,000	4,795	4,000	57,114	65,114	4,000	4,000
73	Telemetry	20,000	0	1,500	3,732	7,232	2,000	1,500
74	Trash Removal	3,600	287	300	2,757	3,357	300	300
75	Vehicle Expense	18,000	0	1,500	17,759	20,759	1,500	1,500
76	Fuel & Oil	33,000	947	2,750	18,186	23,686	2,750	2,750
77	TOTAL MAINTENANCE EXPENSE:	276,600	27,333	20,050	290,099	330,699	20,550	20,050
78								
79	PROFESSIONAL SERVICES EXPENSE							
80	Tax Accounting (Tausig)	3,000	0	0	517	2,017	0	1,500
81	Administrative Services (ADP/Bank Fees)	6,000	577	500	4,509	5,509	500	500
82	Audit Fees	14,439	0	0	14,439	14,439	0	0
83	Computer billing-TBD	18,250	333	750	4,346	5,846	750	750
84	Consulting/Technical/Contract Labor	1,200	0	100	-	200	100	100
85	Engineering	35,000	(96,011)	(99,000)	10,340	20,690	9,350	1,000
86	District Legal Services	20,000	1,246	1,500	17,400	20,900	2,000	1,500
87	Testing/lab work	18,000	745	1,200	11,651	14,651	1,500	1,500
88	Regulatory Permit Fees	38,000	1,258	399	25,196	30,494	3,175	2,123
89	TOTAL PROFESSIONAL SERVICES EXPENSE:	153,889	(91,853)	(94,551)	88,398	114,746	17,375	8,973
90								
91	INSURANCE/DEBT EXPENSE							
92	ACWA Insurance	74,000	0	33,000	57,725	57,725	0	0
93	Workers Comp	14,400	0	0	11,384	15,384	0	4,000
94	COP 2008 Installment	255,713	0	0	255,713	255,713	0	0
95	Viking Ranch Refinance closing costs/Debt repayment					202,592	202,592	
96	TOTAL INSURANCE/DEBT EXPENSE:	344,113	0	33,000	324,822	531,414	202,592	4,000
97								
98	PERSONNEL EXPENSE							
99	Board Meeting Expense (board stipend/board secretary)	12,870	1,305	1,170	10,150	12,490	1,170	1,170
100	Salaries & Wages (gross)	730,000	58,144	60,852	605,002	725,085	60,852	59,231
101	Taxes on Payroll	15,500	954	1,500	15,241	17,311	1,100	970
102	Medical Insurance Benefits	180,000	15,093	15,093	163,243	178,336	15,093	0
103	Calpers Retirement Benefits	162,000	12,806	13,500	131,194	158,194	13,500	13,500
104	Salaries & Wages contra account	(12,195)	(1,155)	(1,170)	(8,910)	(11,250)	(1,170)	(1,170)
105	Conference/Conventions/Training/Seminars	7,000	237	100	5,863	6,563	600	100
106	TOTAL PERSONNEL EXPENSE:	1,095,175	87,385	91,045	921,782	1,086,728	91,145	73,801
107								
108	OFFICE EXPENSE							
109	Office Supplies	18,000	519	1,500	19,796	22,296	1,500	1,000
110	Office Equipment/ Rental/Maintenance Agreements	25,000	1,732	1,700	27,126	30,526	1,700	1,700
111	Postage & Freight	13,000	2,060	50	12,365	14,465	2,050	50
112	Taxes on Property	2,366	0	0	2,375	2,375	0	0
113	Telephone/Answering Service	7,674	959	700	7,210	8,610	700	700
114	Dues & Subscriptions	3,970	0	2,360	3,499	3,594	50	45
115	Printing, Publications & Notices	838	0	0	877	977	0	100
116	Uniforms	6,000	373	500	3,790	4,790	500	500
117	OSHA Requirements/Emergency preparedness	4,500	830	375	1,385	2,135	375	375
118	TOTAL OFFICE EXPENSE:	81,347	6,472	7,185	78,422	89,767	6,875	4,470
119								
120	UTILITIES EXPENSE							
121	Pumping-Electricity	360,000	24,186	40,000	373,907	453,907	40,000	40,000
122	Office/Shop Utilities	17,319	1,250	1,179	16,560	19,367	1,237	1,570
123	Cellular Phone	8,000	621	666	6,606	7,938	666	666
124	TOTAL UTILITIES EXPENSE:	385,319	26,057	41,845	397,073	481,212	41,903	42,236
125								
126	TOTAL EXPENSES:	2,336,442	55,395	98,573	2,100,596	2,634,566	380,440	153,530
127								
128	CASH BASIS ADJUSTMENTS							
129	Decrease (Increase) in Accounts Payable		89,073	0	92,196	92,196	0	0
130	Increase (Decrease) in Inventory		(6,879)	0	415	415	0	0
131	Other Cash Basis Adjustments-Loss on water credit sold		(2,750)	0	(1,590)	(1,590)	0	0
132	TOTAL CASH BASIS ADJUSTMENTS:		79,444	0	91,021	91,021	0	0
133								
134	TOTAL EXPENSES PAID:	2,336,442	134,839	98,573	2,191,617	2,725,587	380,440	153,530
135								
136	NET CASH FLOW (O&M)	1,219,433	170,326	212,932	1,112,709	1,258,286	(6,827)	152,404

	C	AV	BH	BI	BJ	BK	BL	BM
1	BWD CASH FLOW							
2		ADOPTED	ACTUAL	PROJECTED	ACTUAL	YTD + PROJ MONTHS>>	PROJECTED	PROJECTED
3	2014-2015	BUDGET	APRIL	APRIL	YTD	PROJECTED	MAY	JUNE
4		2014-2015	2015	2015	2014-2015	2014-2015	2015	2015
137	NON O & M EXPENSES							
138	Water							
139	Twin Tanks, 1970's-inside coating (rescheduled into 2015-2016)				-	-		
140	Pickup				-	-		
141	Backhoe				-	-		
142	ID 5-5, 200 HP	10,000			-	-		0
143	Pipeline-Bending Elbow Road-Second Half				-	-		
144	Rewind motors-ID1-12/ID5-5	30,000		15,000	-	15,000		15,000
145	Pump and Cleaning Well ID4-4	60,000			-	-	0	
146	Booster Station Motors-Country Club & ID1 station 1 #2 30 hp	16,000		8,000	-	8,000		8,000
147	Circle J Pipeline project	57,000			-	-	0	0
148	Air Quality Compliance-Wilcox Well	40,000			-	-		0
151	Sewer							
152	WWTP-Skid Steer	65,000			64,587	64,587		
153	WWTP-Portable engine driven trash pump/Backup generator	10,000			6,448	6,448	0	
154	WWTP-Rehab grit chamber & sludge holding tank diffuser system	30,000	8,862		8,862	38,862		30,000
155	WWTP-Rehab grit chamber				-	-		
156	WWTP-Jetting & Vactor Truck Service	10,000			-	10,000	10,000	
157	WWTP-Rehab Clarifier/pump/bearings	40,000			17,098	40,000	22,902	
158	WWTP-Video Collection Lines	25,000			-	25,000	25,000	
159	WWTP-Solar Project					51,272	25,636	25,636
160	Collection system repairs \$25,000/manhole replacement \$50,000	75,000			-	75,000		75,000
162	GWM							
164	GWM -legal/Misc.	15,000	17,970	1,250	108,189	110,689	1,250	1,250
165	District portion of GSP				-	-		
172	218 Process	110,000			-	-	0	0
177	OTHER							
178	Lugo building repairs	5,000		700	-	1,400	700	700
179	Trailer to haul pipe	10,000			-	10,000	10,000	
181	GPS Locating System					-		
183	New Computer for server and new Software system	10,000			-	10,000		10,000
191						-		
192	TOTAL NON O&M EXPENSES	688,000	26,832	46,950	319,817	615,891	95,488	200,586
193								
194	CASH RECAP							
195	Cash beginning of period	1,688,382	2,618,451	2,648,123	1,969,053	1,969,053	2,761,945	2,659,630
196	Net Cash Flow (O&M)	1,219,433	170,326	212,932	1,112,709	1,258,286	(6,827)	152,404
197	Total Non O&M Expenses	(688,000)	(26,832)	(46,950)	(319,817)	(615,891)	(95,488)	(200,586)
198	CASH AT END OF PERIOD	2,219,815	2,761,945	2,814,105	2,761,945	2,611,448	2,659,630	2,611,448
199								
200	RESERVES							
201	Working Capital (4 months)	(750,000)	(750,000)	(750,000)	(750,000)	(750,000)	(750,000)	(750,000)
202	Viking Ranch	(300,000)						
203	Available for Emergency Reserves	1,169,815	2,011,945	2,064,105	2,011,945	1,861,448	1,909,630	1,861,448
204	Target Emergency Reserves	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000
205	Emergency Reserves Deficit	(830,185)	11,945	64,105	11,945	(138,552)	(90,370)	(138,552)
206								
207		PROJECTED	ACTUAL					
208								
209	Miscellaneous Income (net csd fee/JPIA rebate/check free)	80	33,157	(33,077)	JPIA Policy Rebate			
210	ACWA Insurance	33,000	0	33,000	Paid Insurance in March			



BORREGO WATER DISTRICT

	BALANCE SHEET April 30, 2015 (unaudited)	BALANCE SHEET March 31, 2015 (unaudited)	MONTHLY CHANGE (unaudited)
ASSETS:			
CURRENT ASSETS			
Cash and cash equivalents	\$ 2,761,946.37	\$ 2,618,453.20	\$ 143,493.17
Accounts receivable from water sales and sewer charges	\$ 354,760.77	\$ 310,523.71	\$ 44,237.06
Interest receivable	\$ -	\$ -	\$ -
Inventory	\$ 131,686.29	\$ 138,565.57	\$ (6,879.28)
Availability charges receivable	\$ -	\$ -	\$ -
Allowance for uncollectable availability charges	\$ -	\$ -	\$ -
Grant Receivable	\$ -	\$ -	\$ -
Prepaid expenses	\$ 30,298.12	\$ 30,298.12	\$ -
Other Receivables	\$ 378.60	\$ 567.80	\$ (189.20)
TOTAL CURRENT ASSETS	\$ 3,279,070.15	\$ 3,098,408.40	\$ 180,661.75
RESTRICTED ASSETS			
Debt Service:			
Deferred amount of COP Refunding	\$ 132,554.49	\$ 132,554.49	\$ -
Unamortized bond issue costs	\$ 92,454.19	\$ 92,454.19	\$ -
Total Debt service	\$ 225,008.68	\$ 225,008.68	\$ -
Trust fund:			
Investments with fiscal agent -CFD 2007-1	\$ 82,837.41	\$ 82,836.71	\$ 0.70
Total Trust fund	\$ 82,837.41	\$ 82,836.71	\$ 0.70
TOTAL RESTRICTED ASSETS	\$ 307,846.09	\$ 307,845.39	
UTILITY PLANT IN SERVICE			
Land	\$ 3,150,649.65	\$ 3,153,399.65	\$ (2,750.00)
Flood Control Facilities	\$ 4,319,603.58	\$ 4,319,603.58	\$ -
Capital Improvement Projects	\$ 203,311.26	\$ 203,311.26	\$ -
Sewer Facilities	\$ 5,533,268.63	\$ 5,524,406.16	\$ 8,862.47
Water facilities	\$ 10,585,969.56	\$ 10,585,969.56	\$ -
Pipelines, wells and tanks	\$ 151,699.02	\$ 151,699.02	\$ -
General facilities	\$ 1,006,881.13	\$ 1,006,881.13	\$ -
Equipment and furniture	\$ 312,133.38	\$ 312,133.38	\$ -
Vehicles	\$ 553,862.67	\$ 553,862.67	\$ -
Accumulated depreciation	\$ (10,987,728.01)	\$ (10,987,728.01)	\$ -
NET UTILITY PLANT IN SERVICE	\$ 14,829,650.87	\$ 14,823,538.40	\$ 6,112.47
OTHER ASSETS			
Water rights -ID4	\$ 185,000.00	\$ 185,000.00	\$ -
TOTAL OTHER ASSETS	\$ 185,000.00	\$ 185,000.00	
TOTAL ASSETS	\$ 18,601,567.11	\$ 18,414,792.19	\$ 186,774.92

Balance sheet continued

	BALANCE SHEET April 30, 2015 (unaudited)	BALANCE SHEET March 31, 2015 (unaudited)	MONTHLY CHANGE (unaudited)
LIABILITIES:			
CURRENT LIABILITIES PAYABLE FROM CURRENT ASSETS			
Accounts Payable	\$ 50,722.95	\$ 139,795.46	\$ (89,072.51)
Accrued expenses	\$ 173,602.49	\$ 173,602.49	\$ -
Deferred Revenue	\$ -	\$ -	\$ -
Deposits	\$ 22,093.75	\$ 22,093.75	\$ -
TOTAL CURRENT LIABILITIES PAYABLE FROM CURRENT ASSETS	\$ 246,419.19	\$ 335,491.70	\$ (89,072.51)
CURRENT LIABILITIES PAYABLE FOM RESTRICTED ASSETS			
Debt Service:			
Accounts Payable to CFD 2007-1	\$ 82,837.41	\$ 82,836.71	\$ 0.70
TOTAL CURRENT LIABILITIES PAYABLE FROM RESTRICTED ASSETS	\$ 82,837.41	\$ 82,836.71	\$ 0.70
LONG TERM LIABILITIES			
2008 Certificates of participation (payable from restricted assets)	\$ 2,615,000.00	\$ 2,615,000.00	\$ -
Viking Ranch Note	\$ 1,425,000.00	\$ 1,425,000.00	\$ -
TOTAL LONG TERM LIABILITIES	\$ 4,040,000.00	\$ 4,040,000.00	\$ -
TOTAL LIABILITIES	\$ 4,369,256.60	\$ 4,458,328.41	\$ (89,071.81)
FUND EQUITY			
Contributed equity	\$ 9,611,814.35	\$ 9,611,814.35	\$ -
Retained Earnings:			
Unrestricted Reserves/Retained Earnings	\$ 4,620,496.16	\$ 4,344,649.43	\$ 275,846.73
Total retained earnings	\$ 4,620,496.16	\$ 4,344,649.43	\$ 275,846.73
TOTAL FUND EQUITY	\$ 14,232,310.51	\$ 13,956,463.78	\$ 275,846.73
TOTAL LIABILITIES AND FUND EQUITY	\$ 18,601,567.11	\$ 18,414,792.19	\$ 186,774.92



BORREGO WATER DISTRICT

TREASURER'S REPORT APRIL, 2015

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

Cash and Cash Equivalents:

Demand Accounts at WFB/UB/LAIF

WFB/UB General Account/Petty Cash	\$ 2,638,200	\$ 2,604,144	\$ 2,604,144	94.29%	0.00%	N/A	WFB/UB
Payroll Account	\$ 88,428	\$ 86,389	\$ 86,389	3.13%	0.01%	N/A	WFB
MMA	\$ 50,445	\$ 50,445	\$ 50,445	1.83%	0.03%	N/A	WFB
LAIF	\$ 20,967	\$ 20,967	\$ 20,967	0.76%	0.26%	N/A	LAIF
Total Cash and Cash Equivalents	\$ 2,798,040	\$ 2,761,945	\$ 2,761,945	100.00%			

Facilities District No. 2007-1

First American Treas Obligation -US BANK	\$ 82,837	\$ 82,837	\$ 82,837				
Total Cash, Cash Equivalents & Investments	\$ 2,880,878	\$ 2,844,783	\$ 2,844,783				

Cash and investments conform to the District's Investment Policy statement filed with the Board of Directors on June 25, 2014.

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

Sources of valuations are Umpqua Bank, 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 April, 2015

A. Vendor disbursements paid during this period:		\$	128,454.16
<i>Significant items:</i>			
San Diego Gas & Electric		\$	24,009.03
RHGC portion of San Diego Gas & Electric		\$	1,045.09
CalPERS Payments		\$	15,363.80
Medical Health Benefits		\$	16,299.11
B. Capital Projects/Fixed Asset Outlays:			
Bay City Electric Works-Transfer switch at Lift Station		\$	8,862.47
C. Total Professional Services for this Period:			
<i>(included in vendor disbursements paid above)</i>			
Downey Brand, Attorneys	Legal-general		
	GWM	\$	7,137.78
	Total Invoice:	\$	7,137.78
McDougal Love Eckis	Legal-general	\$	1,245.50
	GWM		
	Total Invoice:	\$	1,245.50
The Brattle Group	GWM	\$	10,781.25
D. Payroll for this Period:			
Gross Payroll		\$	58,144.00
Employer Payroll Taxes and ADP Fee		\$	1,126.00
Total		\$	59,270.00

BORREGO WATER DISTRICT
FOR BOARD CONSIDERATION AND APPROVAL
APRIL 30, 2015

GENERAL ACCOUNT

CHECK#	DATE	PAYEE & DESCRIPTION	AMOUNT
19871	05/05/15	U.S.BANK CORPORATE PAYMENT SYS SEE INVOICE FOR DETAILS SEE INVOICE FOR DETAILS	1,146.55
19844	04/15/15	ABILITY ANSWERING/PAGING SER ANSWERING SERVICE	246.67
19895	05/11/15	ABILITY ANSWERING/PAGING SER ANSWERING SERVICES	252.46
19845	04/15/15	CB&T ACWA-JPIA MEDICAL COVERAGE	16,299.11
19851	04/22/15	AFLAC SUPPLEMENTAL EMPLOYEE PAID INS	1,889.44
19888	05/07/15	AMERICAN LINEN INC. UNIFORMS FOR CREW	372.75
19872	05/05/15	AT CONFERENCE CONFERENCE CALLS	35.56
19873	05/05/15	AT&T MOBILITY CELL PHONES FOR CREW	506.81
19862	04/30/15	AT&T-CALNET 2 PHONES, OFFICE, SHOP, WWTP	323.48
19874	05/05/15	BAY CITY ELECTRIC WORKS 400A, AUTOMATIC TRANSFER SWITCH AT LIFT STATION	8,862.47
19852	04/22/15	BIG WATER VENTURES COMPOUND MICROSCOPE TO HELP WITH PROCESS CONTROL AND TO REDUCE COST	1,764.35
19863	04/30/15	BORREGO SPRINGS BOTTLED WATER WATER FOR CREW	104.30
19889	05/07/15	BORREGO SPRINGS BOTTLED WATER WATER FOR CREW- DISPENSER RENT	8.00
19896	05/11/15	DE ANZA READY MIX CONCRETE FOR FIREHYDRANT AT ARBALEST	239.88
19875	05/05/15	JAMES G HORMUTH/DBA TRUE VALUE SEE INVOICE FOR DETAILS	124.87
19846	04/15/15	DEBBIE MORETTI PEST CONTROL	113.00
19864	04/30/15	DOWNEY BRAND PROFESSIONAL SERVICES	7,137.78
19876	05/05/15	E.S. BABCOCK & SONS, INC. WATER SAMPLES TO LAB	685.00
19865	04/30/15	EMPIRE SOUTHWEST 416 CAT BACKHOE REPAIR	2,758.36
19853	04/22/15	FED EX SHIPPING CHARGES	56.33
19877	05/05/15	GREEN DESERT LANDSCAPE MANAGEMENT FEE CLUB CIRCLE	5,210.80
19854	04/22/15	HOME DEPOT CREDIT SERVICES PUMP MOUNTING SYSTEM HARDWARE RHWTF	305.59

BORREGO WATER DISTRICT
FOR BOARD CONSIDERATION AND APPROVAL
APRIL 30, 2015

CHECK#	DATE	PAYEE & DESCRIPTION	AMOUNT
19897	05/11/15	HOME DEPOT CREDIT SERVICES SEE INVOICE FOR DETAILS	418.90
19898	05/11/15	JC LABS & MONITORING SERVICE WASTEWATER CONSULTING SERVICES	1,500.00
19847	04/15/15	KENNY STRICKLAND, INC. FUEL FOR DISTRICT VEHICLES	525.21
19866	04/30/15	KENNY STRICKLAND, INC. FUEL FOR DISTRICT VEHICLES	421.79
19899	05/11/15	KONICA MINOLTA COPIER LEASE	1,405.10
19878	05/05/15	McCALLS METERS, INC 4" NEPTUNE METER REBUILD KIT ID-4 4" OCTAVE ULTRASONIC FM W/ SPOOL ID4 ROADRUNNER 4" OCTAVE ULTRASONIC FM W/ SPOOL ID4 (THE MALL) PALM CYN 4" OCTAVE ULTRASONIC FM W/ SPOOL ID4 (THE MALL) CC RD	9,780.43
19867	04/30/15	McDOUGAL LOVE ECKIS PROFESSIONAL SERVICES	1,245.50
19879	05/05/15	NAPA AUTO PARTS INC MISC AUTO PARTS	160.13
19880	05/05/15	NORTH GARDENS MANAGEMENT, LLC ENGINEERING ASSISTANCE LA CASA SEWER ODOR ISSUE, SOLAR	1,957.50
19848	04/15/15	PUBLIC EMP'S RETIREMENT SYSTEM RETIREMENT BENEFITS	7,542.83
19881	05/05/15	PUBLIC EMP'S RETIREMENT SYSTEM EMPLOYEE RETIREMENT	7,820.97
19855	04/22/15	PITNEY BOWES/PURCHASE POWER POSTAGE	2,000.00
19856	04/22/15	QUILL CORPORATION OFFICE SUPPLIES	64.72
19882	05/05/15	QUILL CORPORATION OFFICE SUPPLIES	15.29
19883	05/05/15	RAMONA DISPOSAL SERVICE TRASH REMOVAL CLUB CIRCLE TRASH REMOVAL WWTP TRASH REMOVAL OFFICE	3,184.50
19857	04/22/15	RECORDER/COUNTY CLERK'S OFFICE RELEASE OF LIEN	13.00
19868	04/30/15	RSIS, INC. CALIBRATION FOR PARSHALL FLUME METER AT SEWER PLANT	506.00
19869	04/30/15	SAN DIEGO GAS & ELECTRIC ELECTRICITY CHARGES	18,894.21
19884	05/05/15	SAN DIEGO GAS & ELECTRIC ELECTRICITY CHARGES	6,159.91
19858	04/22/15	SECAP FINANCE POSTAGE MACHINE LEASE	137.49
19885	05/05/15	SPRINGBROOK SOFTWARE INC. HP9000 PROGRAMMING	332.50
19900	05/11/15	STAPLES CREDIT PLAN	

BORREGO WATER DISTRICT
 FOR BOARD CONSIDERATION AND APPROVAL
 APRIL 30, 2015

CHECK#	DATE	PAYEE & DESCRIPTION	AMOUNT
19849	04/15/15	OFFICE SUPPLIES STATE WATER RESOURCE CONTROL STATE FEE FOR GRADE 2 WASTE WATER OPERATOR CERTIFICATION TROY DE PRIEST	263.35 230.00
19870	04/30/15	SUNSET ELECTRIC POWER SERVICE CLA-VAL'S AT ID4 WELL 11	1,040.00
19859	04/22/15	SWRCB ACCOUNTING OFFICE LARGE WATER SYSTEM FEES FOR PERIOD OF 7/1/14 - 12/31/14	1,242.88
19860	04/22/15	SYNECO SYSTEMS, INC BIOLOGIC FOR ODOR CONTROL	1,898.80
19850	04/15/15	THE BRATTLE GROUP, INC PROFESSIONAL SERVICES	10,781.25
19861	04/22/15	TYCO INTEGRATED SECURITY LLC QUARTERLY ALARM BILLING	189.12
19886	05/05/15	UNDERGROUND SERVICE ALERT DIG ALERTS	15.00
19901	05/11/15	VERIZON WIRELESS EMERGENCY PHONE	114.22
19887	05/05/15	WENDY QUINN RECORDING SERVICES	150.00
TOTAL			----- 128,454.16 =====

GROUND WATER MANAGEMENT ACCOUNTING

FYE 2015

01-5480

MONTH	AT CONFERENCE	DOWNEY BRAND	NARAGON	USGS	MCDUGAL	DUDEK	CONFERENCE/ MEALS	BRATTLE GROUP	Monthly Total	FYE 2015 Total
Jul-14	14.14	3,293.00							3,307.14	3,307.14
Aug-14		2,772.94	500.00						3,272.94	6,580.08
Sep-14		7,003.67		3,526.48	759.00				11,289.15	17,869.23
Oct-14		8,636.73							8,636.73	26,505.96
Nov-14	12.38	9,718.33				13,535.00	27.28		23,292.99	49,798.95
Dec-14	16.76	7,371.07					55.05		7,442.88	57,241.83
Jan-15		5,456.69		905.24				8,700.00	15,061.93	72,303.76
Feb-15	28.64	6,126.00		3,615.92			15.00		9,785.56	82,089.32
Mar-15	30.07	3,525.00						13,567.50	17,122.57	99,211.89
Apr-15	35.56	7,137.78					15.00	10,781.25	17,969.59	117,181.48
May-15									-	
Jun-15									-	
Total	137.55	61,041.21	500.00	8,047.64	759.00	13,535.00	112.33	33,048.75	117,181.48	117,181.48

Borrego Water District Management Report – May 2015

By: Jerry Rolwing

FEDERAL LEVEL

U.S. Geological Survey: The USGS final report entitled "Hydrogeology, Hydrologic Effects of Development, and Simulation of Groundwater Flow in the Borrego Valley, San Diego County, California" is still delayed. Last contact from Claudia Faunt on May 8th: "It is still at specialist approval. They said it would be back by the 15th. I keep pushing. After that approval, none of the numbers will change and it will just be all editing and layout."

U.S. Bureau of Reclamation: The Southeast California Basin Study is still waiting to be released. Last contact from Jack Simes on May 8th: "It's still going through the review process but hopefully it will be approved for release towards either the end of this month or in early June. "

STATE LEVEL

On April 1st, Governor Brown issued an executive order calling for 25% water reductions for all water agencies across the State. The SWRCB adopted the Emergency Regulation on May 5th (attachment A). The proposed framework calls for a baseline of June-November 2013 to work from on the 25% reduction for the 2015 period. Reporting for Small Water Systems is due December 15, 2015. A webinar is being held by ACWA on the requirements for Small Water Agencies Tuesday, May 26th at 1:00pm. Viewing will be available at the District office and all are welcome.

I attended a Department of Water Resources "Listening Session" on adjusting Groundwater Basin Boundaries. The existing configuration in Bulletin 118-2003 edition encompasses a much larger area than previous versions released in 1975 and 1980. The 2003 version extends down into Imperial County where there are a minimal amount of wells drilled and not impacted by overdraft. My report outlines the process (attachment B). The DWR also released a timeline for the process (attachment C).

COUNTY LEVEL

Work continues with County Department of Planning and Development Services on the formation of the Groundwater Sustainability Agency designation. The County and District are moving towards a Fall 2015 application to the State as the designated Groundwater Sustainability Agencies.

DISTRICT LEVEL

The sewer main of the Town Center Sewer System along Palm Canyon Drive was videoed and cleaned as part of the routine maintenance program. The video is being reviewed by the operations manager for compromises in the pipe integrity. Once the invoices have been reviewed, the process will continue based on the remaining budget. This is a continuing project that is also budgeted in the 2015-16 FY. Areas of the old Community Services District in the Club Circle neighborhood will be evaluated through a grant application under the Small Wastewater Systems Grant opportunity expected to be released in June 2015.

The emergency backup generator at the sewer lift station is undersized to power the two pumps under emergency conditions. At the recommendation of District Engineer, David Dale, an electrical engineer, Jim Alder of Yuma, AZ was engaged to size a new generator to handle the emergency load. Mr. Alder is preparing the bid documents and a line item was added to the FY 2015-16 budget. The generator is a requirement by the Regional Water Quality Control Board and has been discussed in the O&M Ad hoc committee. This may be a good candidate for the Small Wastewater Systems Grant opportunity expected to be released in June 2015.

Last month Operations Manager Greg Holloway and I met with Deputy Sheriff Billy Painter on an emergency communications project. The local office sees the benefit of having access to local communication due to historic overcrowded County lines in an emergency (attachment D). I ran the concept by our insurance provider who is encouraged and provided a sample risk transfer agreement which I will run by District legal counsel. More to come as this project evolves.

ADOPTED TEXT OF EMERGENCY REGULATION

Article 22.5. Drought Emergency Water Conservation.

Sec. 863. Findings of Drought Emergency.

(a) The State Water Resources Control Board finds as follows:

- (1) On January 17, 2014, the Governor issued a proclamation of a state of emergency under the California Emergency Services Act based on drought conditions;
- (2) On April 25, 2014, the Governor issued a proclamation of a continued state of emergency under the California Emergency Services Act based on continued drought conditions;
- (3) On April 1, 2015, the Governor issued an Executive Order that, in part, directs the State Board to impose restrictions on water suppliers to achieve a statewide 25 percent reduction in potable urban usage through February, 2016; require commercial, industrial, and institutional users to implement water efficiency measures; prohibit irrigation with potable water of ornamental turf in public street medians; and prohibit irrigation with potable water outside newly constructed homes and buildings that is not delivered by drip or microspray systems;
- (4) The drought conditions that formed the basis of the Governor's emergency proclamations continue to exist;
- (5) The present year is critically dry and has been immediately preceded by two or more consecutive below normal, dry, or critically dry years; and
- (6) The drought conditions will likely continue for the foreseeable future and additional action by both the State Water Resources Control Board and local water suppliers will likely be necessary to prevent waste and unreasonable use of water and to further promote conservation.

Authority: Section 1058.5, Water Code.

References: Cal. Const., Art., X § 2; Sections 102, 104, 105, and 275, Water Code; *Light v. State Water Resources Control Board* (2014) 226 Cal.App.4th 1463.

Sec. 864. End-User Requirements in Promotion of Water Conservation.

(a) To prevent the waste and unreasonable use of water and to promote water conservation, each of the following actions is prohibited, except where necessary to address an immediate health and safety need or to comply with a term or condition in a permit issued by a state or federal agency:

- (1) The application of potable water to outdoor landscapes in a manner that causes runoff such that water flows onto adjacent property, non-irrigated areas, private and public walkways, roadways, parking lots, or structures;
- (2) The use of a hose that dispenses potable water to wash a motor vehicle, except where the hose is fitted with a shut-off nozzle or device attached to it that causes it to cease dispensing water immediately when not in use;
- (3) The application of potable water to driveways and sidewalks; and
- (4) The use of potable water in a fountain or other decorative water feature, except where the water is part of a recirculating system;

- (5) The application of potable water to outdoor landscapes during and within 48 hours after measurable rainfall;
- (6) The serving of drinking water other than upon request in eating or drinking establishments, including but not limited to restaurants, hotels, cafes, cafeterias, bars, or other public places where food or drink are served and/or purchased;
- (7) The irrigation with potable water of ornamental turf on public street medians; and
- (8) The irrigation with potable water of landscapes outside of newly constructed homes and buildings in a manner inconsistent with regulations or other requirements established by the California Building Standards Commission and the Department of Housing and Community Development.

(b) To promote water conservation, operators of hotels and motels shall provide guests with the option of choosing not to have towels and linens laundered daily. The hotel or motel shall prominently display notice of this option in each guestroom using clear and easily understood language.

(c) Immediately upon this subdivision taking effect, all commercial, industrial and institutional properties that use a water supply, any portion of which is from a source other than a water supplier subject to section 865, shall either:

(1) Limit outdoor irrigation of ornamental landscapes or turf with potable water to no more than two days per week; or

(2) Reduce potable water usage supplied by sources other than a water supplier by 25 percent for the months of June 2015 through February 2016 as compared to the amount used from those sources for the same months in 2013.

(d) The taking of any action prohibited in subdivision (a) or the failure to take any action required in subdivisions (b) or (c), is an infraction, punishable by a fine of up to five hundred dollars (\$500) for each day in which the violation occurs. The fine for the infraction is in addition to, and does not supersede or limit, any other remedies, civil or criminal.

Authority: Section 1058.5, Water Code.

References: Cal. Const., Art., X § 2; Sections 102, 104, 105, 275, 350, and 10617, Water Code; *Light v. State Water Resources Control Board* (2014) 226 Cal.App.4th 1463.

Sec. 865. Mandatory Actions by Water Suppliers.

(a) As used in this section:

- (1) "Distributor of a public water supply" has the same meaning as under section 350 of the Water Code, except it does not refer to such distributors when they are functioning solely in a wholesale capacity, but does apply to distributors when they are functioning in a retail capacity.
- (2) "R-GPCD" means residential gallons per capita per day.

- (3) "Total potable water production" means all potable water that enters into a water supplier's distribution system, excluding water placed into storage and not withdrawn for use during the reporting period, or water exported outside the supplier's service area.
- (4) "Urban water supplier" means a supplier that meets the definition set forth in Water Code section 10617, except it does not refer to suppliers when they are functioning solely in a wholesale capacity, but does apply to suppliers when they are functioning in a retail capacity.

(b) In furtherance of the promotion of water conservation each urban water supplier shall:

- (1) Provide prompt notice to a customer whenever the supplier obtains information that indicates that a leak may exist within the end-user's exclusive control.
- (2) Prepare and submit to the State Water Resources Control Board by the 15th of each month a monitoring report on forms provided by the Board. The monitoring report shall include the amount of potable water the urban water supplier produced, including water provided by a wholesaler, in the preceding calendar month and shall compare that amount to the amount produced in the same calendar month in 2013. The monitoring report shall specify the population served by the urban water supplier, the percentage of water produced that is used for the residential sector, descriptive statistics on water conservation compliance and enforcement efforts, and the number of days that outdoor irrigation is allowed, and monthly commercial, industrial and institutional sector use. The monitoring report shall also estimate the gallons of water per person per day used by the residential customers it serves.

(c)(1) To prevent the waste and unreasonable use of water and to meet the requirements of the Governor's April 1, 2015 Executive Order, each urban water supplier shall reduce its total potable water production by the percentage identified as its conservation standard in this subdivision. Each urban water supplier's conservation standard considers its service area's relative per capita water usage.

(2) Each urban water supplier whose source of supply does not include groundwater or water imported from outside the hydrologic region in which the water supplier is located, and that has a minimum of four years' reserved supply available may, submit to the Executive Director for approval a request that, in lieu of the reduction that would otherwise be required under paragraphs (3) through (10), the urban water supplier shall reduce its total potable water production by 4 percent for each month as compared to the amount used in the same month in 2013. Any such request shall be accompanied by information showing that the supplier's sources of supply do not include groundwater or water imported from outside the hydrologic region and that the supplier has a minimum of four years' reserved supply available.

(3) Each urban water supplier whose average July-September 2014 R-GPCD was less than 65 shall reduce its total potable water production by 8 percent for each month as compared to the amount used in the same month in 2013.

(4) Each urban water supplier whose average July-September 2014 R-GPCD was 65 or more but less than 80 shall reduce its total potable water production by 12 percent for each month as compared to the amount used in the same month in 2013.

(5) Each urban water supplier whose average July-September 2014 R-GPCD was 80 or more but less than 95 shall reduce its total potable water production by 16 percent for each month as compared to the amount used in the same month in 2013.

(6) Each urban water supplier whose average July-September 2014 R-GPCD was 95 or more but less than 110 shall reduce its total potable water production by 20 percent for each month as compared to the amount used in the same month in 2013.

(7) Each urban water supplier whose average July-September 2014 R-GPCD was 110 or more but less than 130 shall reduce its total potable water production by 24 percent for each month as compared to the amount used in the same month in 2013.

(8) Each urban water supplier whose average July-September 2014 R-GPCD was 130 or more but less than 170 shall reduce its total potable water production by 28 percent for each month as compared to the amount used in the same month in 2013.

(9) Each urban water supplier whose average July-September 2014 R-GPCD was 170 or more but less than 215 shall reduce its total potable water production by 32 percent for each month as compared to the amount used in the same month in 2013.

(10) Each urban water supplier whose average July-September 2014 R-GPCD was 215 or more shall reduce its total potable water production by 36 percent for each month as compared to the amount used in the same month in 2013.

(d)(1) Beginning June 1, 2015, each urban water supplier shall comply with the conservation standard specified in subdivision (c).

(2) Compliance with the requirements of this subdivision shall be measured monthly and assessed on a cumulative basis.

(e)(1) Each urban water supplier that provides potable water for commercial agricultural use meeting the definition of Government Code section 51201, subdivision (b), may subtract the amount of water provided for commercial agricultural use from its potable water production total, provided that any urban water supplier that subtracts any water provided for commercial agricultural use from its total potable water production shall:

(A) Impose reductions determined locally appropriate by the urban water supplier, after considering the applicable urban water supplier conservation standard specified in subdivision (c), for commercial agricultural users meeting the definition of Government Code section 51201, subdivision (b) served by the supplier;

(B) Report its total potable water production pursuant to subdivision (b)(2) of this section, the total amount of water supplied for commercial agricultural use, and shall identify the reduction imposed on its commercial agricultural users and each recipient of potable water for commercial agricultural use;

(C) Certify that the agricultural uses it serves meet the definition of Government Code section 51201, subdivision (b); and

(D) Comply with the Agricultural Water Management Plan requirement of paragraph 12 of the April 1, 2015 Executive Order for all commercial agricultural water served by the supplier that is subtracted from its total potable water production.

(2) Submitting any information pursuant to subdivision (e)(1)(B) or (C) of this section that is found to be materially false by the board is a violation of this regulation, punishable by civil liability of up to five hundred dollars (\$500) for each day in which the violation occurs. Every day that the error goes uncorrected constitutes a separate violation. Civil liability for the violation is in addition to, and does not supersede or limit, any other remedies, civil or criminal.

(f)(1) To prevent waste and unreasonable use of water and to promote water conservation, each distributor of a public water supply that is not an urban water supplier shall take one or more of the following actions:

(A) Limit outdoor irrigation of ornamental landscapes or turf with potable water by the persons it serves to no more than two days per week; or

(B) Reduce by 25 percent reduction its total potable water production relative to the amount produced in 2013.

(2) Each distributor of a public water supply that is not an urban water supplier shall submit a report by December 15, 2015, on a form provided by the Board, that either confirms compliance with subdivision (f)(1)(A) or identifies total potable water production, by month, from June through November, 2015, and total potable water production, by month, for June through November 2013.

Authority: Section 1058.5, Water Code.

References: Cal. Const., Art., X § 2; Sections 102, 104, 105, 275, 350, 1846, 10617 and 10632, Water Code; *Light v. State Water Resources Control Board* (2014) 226 Cal.App.4th 1463.

Sec. 866. Additional Conservation Tools.

(a)(1) To prevent the waste and unreasonable use of water and to promote conservation, when a water supplier does not meet its conservation standard required by section 865 the Executive Director, or the Executive Director's designee, may issue conservation orders requiring additional actions by the supplier to come into compliance with its conservation standard.

(2) A decision or order issued under this article by the board or an officer or employee of the board is subject to reconsideration under article 2 (commencing with section 1122) of chapter 4 of part 1 of division 2 of the California Water Code.

(b) The Executive Director, or his designee, may issue an informational order requiring water suppliers, or commercial, industrial or institutional properties that receive any portion of their supply from a source other than a water supplier subject to section 865, to submit additional information relating to water production, water use or water conservation. The failure to provide the information requested within 30 days or any additional time extension granted is a violation subject to civil liability of up to \$500 per day for each day the violation continues pursuant to Water Code section 1846.

Authority: Section 1058.5, Water Code.

References: Cal. Const., Art., X § 2; Sections 100, 102, 104, 105, 174, 186, 187, 275, 350, 1051, 1122, 1123, 1825, 1846, 10617 and 10632, Water Code; *Light v. State Water Resources Control Board* (2014) 226 Cal.App.4th 1463.

DATE: May 1, 2015

TO: Strategic Planning Committee
Jim Bennett, County of San Diego

FROM: Jerry Rolwing

RE: DWR Listening Session on Changing Groundwater Basin Boundary

I attended the Dept. of Water Resources Listening Session held in San Bernardino yesterday. The process was to receive input on four questions:

- 1) Has the DWR accurately summarized the types of boundary issues? Are they clearly characterized/described?
- 2) Are there additional basin boundary issues that need to be considered?
- 3) What are the advantages and disadvantages of the characteristics?
- 4) Are there additional characteristics that need to be considered?

The event became mainly a question/answer session and these questions were really not addressed in the outreach session. Main questions concerned the "orphaned" areas adjacent to adjudicated basins and who would have to deal with these little areas, usually fingers above the basin. It was kind of left that the Counties would have to take these areas on if no agency stepped up.

The two main criteria the DWR will use are:

- 1) is the boundary change agreed upon by all local agencies**
- 2) is there good geologic reasons to make the change**

They also made it clear that changes for "jurisdictional" reasons only would not be accepted

The staff presented an option of the GSA only covering a portion of the groundwater basin. If a public agency chose to only address a portion, the remainder would be left to the County, or the SWRCB. I inquired about the difference and Tim Ross spoke up that the Borrego Water District has a groundwater model of the portion under the District. This could be used as a deciding factor with the DWR to prove the boundary should be reduced to the 1980 and 1995 Bulletin 118 configuration. The DWR timeline completes the boundary revision process by December 2015. They showed a slide of the timeline process but it was not included in the handout material or on their website so it may be in draft format at this point. I asked if agencies could become the GSA without affecting the boundary adjustment process and that did not seem to be an issue. The agency can change the area of jurisdiction after the change is made. I also asked if the size was recalculated for prioritization and they felt there was little difference in "high" or "medium" status since they are grouped together for this process.

Attached is the handout and map showing the old and new configuration of the BVGB. Questions can be routed to sgmps@water.ca.gov or tross@water.ca.gov

This part taken from the DWR website:

Criteria for Modifying Bulletin 118 Basin Boundaries

The [Sustainable Groundwater Management Act](#) established a process for requesting and approving Bulletin 118 basin boundary revisions (California Water Code § 10722.2). By January 1, 2016 DWR is required to adopt Emergency Regulations that define 1) the criteria for requesting that a groundwater basin's boundary be revised, or a new subbasin be formed, and 2) the methodology for revising the basins. Without a request for revision, groundwater basin boundaries will remain as identified in Bulletin 118-2003.

—More info...

If a [local agency](#) requests to modify the boundaries of a basin, it must supply the following information to DWR:

- Information demonstrating that the proposed adjusted basin can be the subject of [sustainable groundwater management](#).
- Technical information regarding the boundaries of, and conditions in, the proposed adjusted basin.
- Information demonstrating that the entity proposing the basin boundary adjustment consulted with interested local agencies and public water systems in the affected basins before filing the proposal with DWR.
- Other information DWR deems necessary to justify revision of the basin's boundary.

The methodology and criteria for modifying the boundaries of a basin must consider all of the following:

- How to assess the likelihood that the proposed basin can be sustainably managed.
- How to assess whether the proposed basin would limit the sustainable management of adjacent basins.
- How to assess whether there is a history of sustainable management of groundwater levels in the proposed basin.

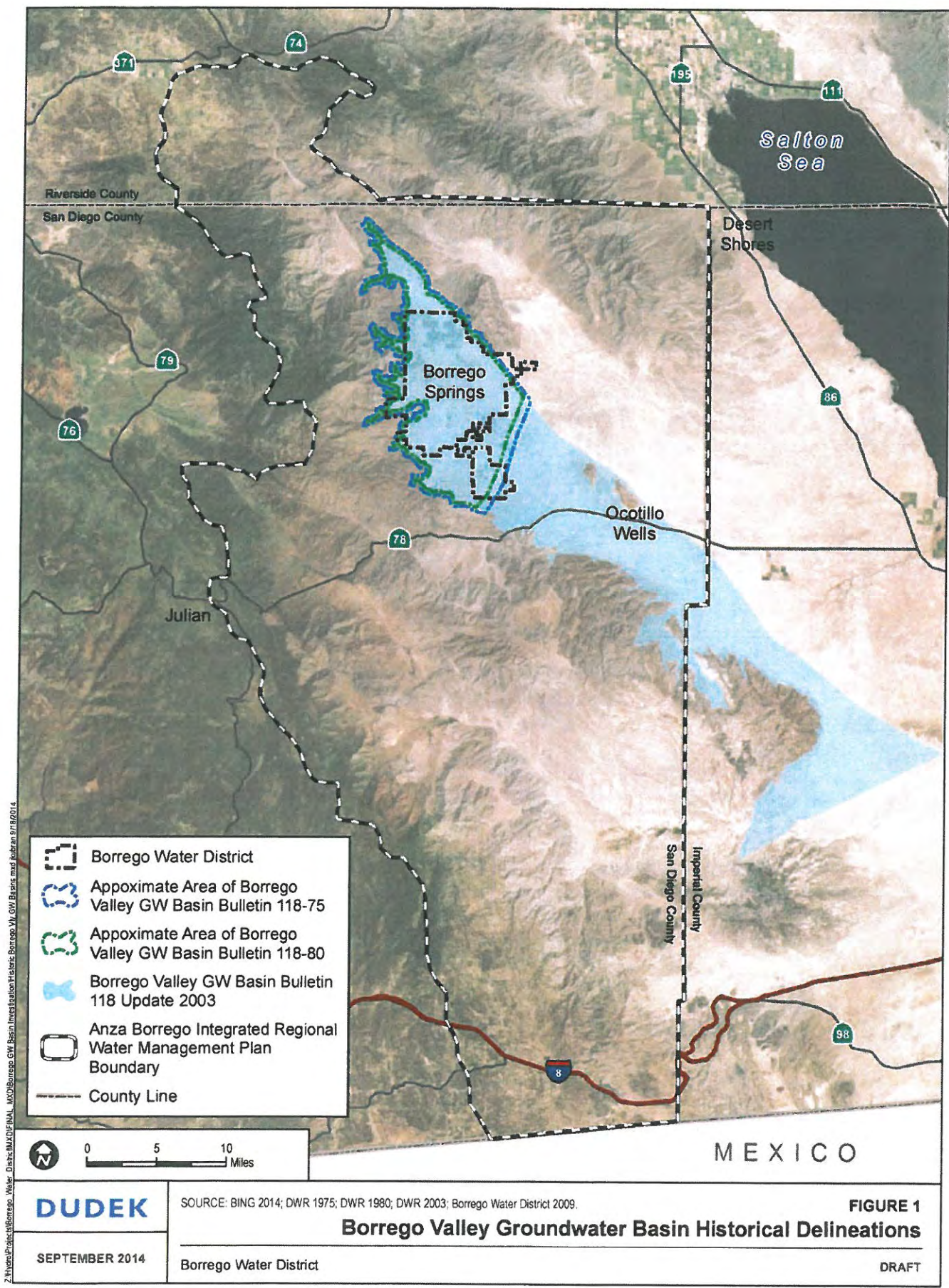
Timeline for Adopting Basin Boundary Regulations and Public Outreach

Local agencies and interested stakeholders will have the opportunity to provide input to DWR during the preparation of these new Emergency Regulations. DWR will hold [public listening sessions](#) this spring prior to the three required public meetings later this year. Draft Emergency Regulations will be posted 30 days before the required public meetings. Once DWR has adopted Emergency Regulations, received a request from a local agency to modify a basin's boundary, and has determined the extent of a basin revision, if any, it is required to inform the [California Water Commission](#), which must hear and comment on the proposed revision for each basin. If any revisions to Bulletin 118 basin boundaries are made, DWR will re-prioritize California's groundwater basins as necessary.

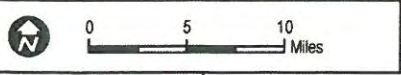
More Information

Click [here](#) to sign up to receive email updates on DWR SGMA activities.

For additional information regarding basin boundary regulations, please contact Steven Springhorn at Steven.Springhorn@water.ca.gov or 916-651-9273.



- Borrego Water District
- Approximate Area of Borrego Valley GW Basin Bulletin 118-75
- Approximate Area of Borrego Valley GW Basin Bulletin 118-80
- Borrego Valley GW Basin Bulletin 118 Update 2003
- Anza Borrego Integrated Regional Water Management Plan Boundary
- County Line



DUDEK
 SEPTEMBER 2014

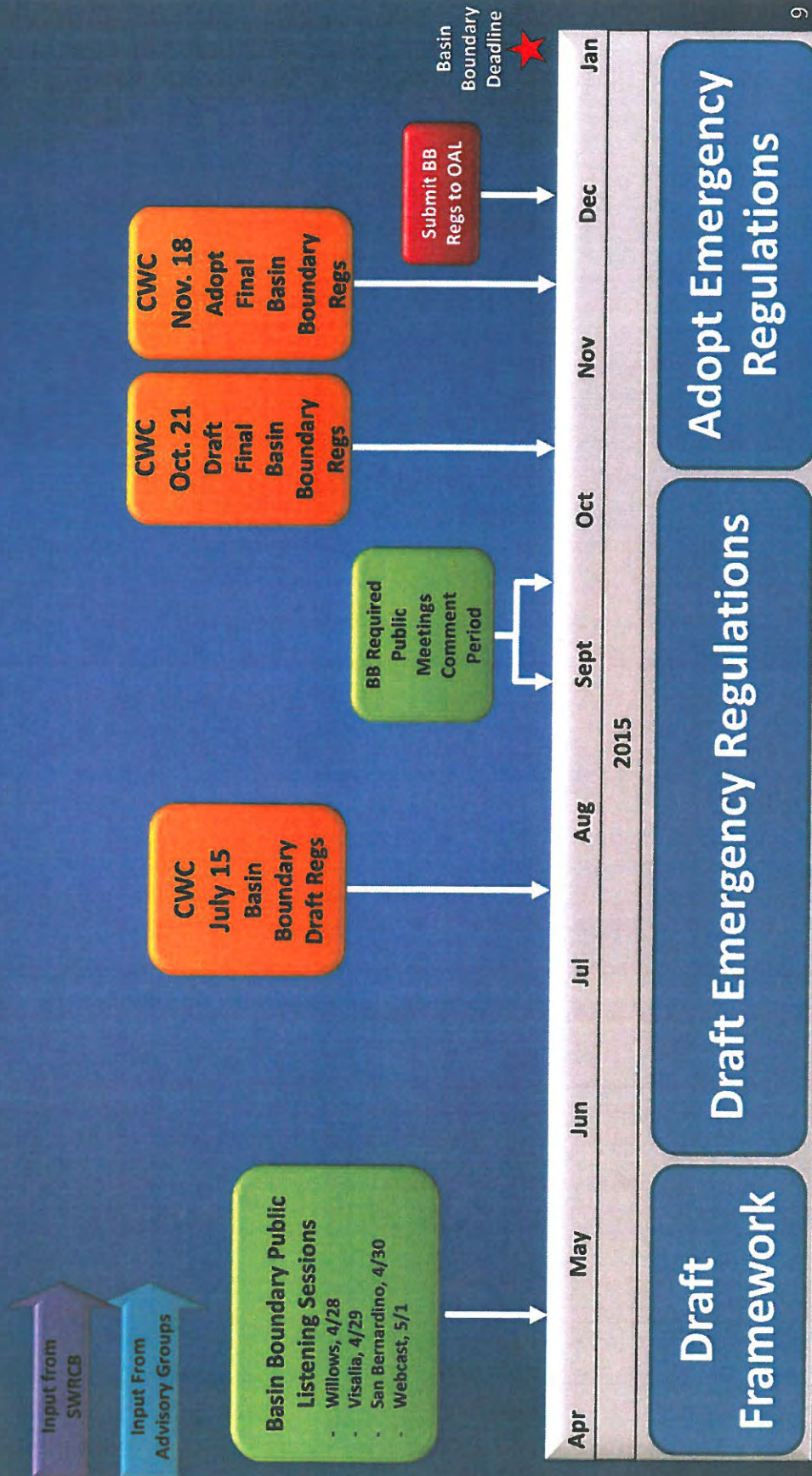
SOURCE: BING 2014; DWR 1975; DWR 1980; DWR 2003; Borrego Water District 2009.

FIGURE 1
Borrego Valley Groundwater Basin Historical Delineations

Borrego Water District

DRAFT

Future Steps Estimated Timeline



Borrego Springs Emergency Communications Repeater

The Borrego Springs area is currently equipped with only one cellular tower. Communications could be cut-off or become overloaded during an emergency. The proposed UHF and VHF repeaters would assist communications during an emergency. The repeaters would be on a General Mobile Radio Service and an Amateur Radio frequency. The systems would be available to licensed users during non-emergencies and anyone during an emergency. The proposed battery back-up system would be installed in the pump station building in the Ram's Hill area. The system would consume roughly 50 watts of electricity. Prior to installation, tests would be conducted to determine any interference issues with the existing water district telemetry system. The antennas, mounts and equipment installation would be presented for approval, prior to installation.

WILLIAM D. Gore, SHERIFF
SAN DIEGO COUNTY SHERIFF'S DEPARTMENT

P.O. BOX 939062 • SAN DIEGO, CALIFORNIA 92193-9062

Email from ACWA/JPIA May 19, 2015:

Jerry:

It is great that Borrego WD wishes to cooperate with the Sheriff's Department on this project. Many Districts allow third parties to use and access their facilities for antenna and communication purposes. This is allowable as long as there is good risk transfer in place with a written agreement outlining the terms, access, length of agreement, costs, etc.

I am providing a sample facilities use agreement for you to start with. I will also copy our Member Services Department with this email so they can provide their inputs and suggestions. They can also assist in reviewing insurance documents and additional insured endorsements you will receive. As always, review this with your legal counsel before signing any agreement.

Since you mention that the antenna will not be installed on your tank, please consider the following best practices to protect all parties.

- Have access to the antenna be provided by a separate gate / entrance. The Sheriff or their contractors will not have to enter through the Districts gate / entrance.
- Have the area where the antenna will be placed fully fenced and separated from the District's facilities.
- Have warning signs required due to any EMFs posted by the Sheriff and /or contractors.
- If needed, require district personnel be trained on EMF safety, hazards and approach boundaries.

All this should be done at no cost to the District. I trust this helps get the process started. I will ask Member Services to copy me on any emails they send to you.

Peter Kuchinsky II, CSP, CEAS I
Lead Risk Management Consultant
ACWA/JPIA
(760) 224-4322



BORREGO WATER DISTRICT

April 2015

WATER OPERATIONS REPORT

WELL	TYPE	FLOW RATE	STATUS	COMMENT
ID1-8	Production	350	In Use	
ID1-10	Production	300	In Use	
ID1-12	Production	950	In Use	
ID1-16	Production	850	In Use	
Wilcox	Production	150	In Use	Diesel backup well for ID-4
ID4-4	Production	350	In Use	
ID4-10	Production	80	In Use	
ID4-11	Production	1000	In Use	Diesel engine drive exercised monthly
ID4-18	Production	250	In Use	
ID5-5	Production	900	In Use	

System Problems: All Production Wells and reservoirs are in operating condition.

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: 71262 (gallons per day)

Peak flow: 96,612 gpd Saturday April 11, 2015



BORREGO WATER DISTRICT

WATER PRODUCTION SUMMARY

April 2015

DATE	ID-1	ID-3	ID-4	DISTRICT-WIDE TOTALS
May-13	22.86	11.86	123.45	158.17
Jun-13	26.59	12.71	136.04	175.34
Jul-13	27.81	14.19	155.91	197.91
Aug-13	27.96	13.26	125.62	166.84
Sep-13	30.51	11.16	117.30	158.97
Oct-13	29.63	10.86	142.27	182.76
Nov-13	21.45	11.58	118.74	151.77
Dec-13	16.85	6.75	92.64	116.24
Jan-14	12.51	7.44	103.25	123.20
Feb-14	20.59	6.37	93.87	120.83
Mar-14	38.28	6.90	93.46	138.64
Apr-14	55.77	8.32	124.43	188.52
May-14	64.47	8.46	116.31	189.24
Jun-14	78.14	9.52	123.76	211.42
Jul-14	100.19	9.13	141.45	250.77
Aug-14	101.13	9.72	114.76	225.61
Sep-14	89.33	10.49	142.82	242.64
Oct-14	99.66	9.71	130.38	239.75
Nov-14	71.94	10.32	123.00	205.26
Dec-14	38.95	6.96	95.47	141.38
Jan-15	32.95	6.38	85.84	125.17
Feb-15	22.13	6.15	86.06	114.34
Mar-15	16.78	5.94	86.54	109.26
Apr-15	32.79	8.30	129.76	170.85
12 Mo. TOTAL	748.46	101.08	1376.15	2225.69

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

WATER LOSS SUMMARY (%)

DATE	ID-1	ID-3	ID-4	ID-5	DISTRICT-WIDE AVERAGE
Apr-15	7.40	1.81	18.02	N/A	9.08
12 Mo. Average	-0.18	2.06	15.04	N/A	5.64

BORREGO WATER DISTRICT
Water Production / Use Records

ID # 1

Month of April 2015

----- Water Production (Acre Feet) -----									
Date	Well 1	Well 2	Well 8	Well 10	Well 12	Well 16	Wells 1&2	Total	LessID3&4
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
APR'14	0.00	0.00	0.07	32.69	31.33	0.00	0.00	64.09	55.77
MAY'14	24.66	25.30	1.52	27.76	43.65	0.00	49.96	72.93	114.43
JUN'14	15.43	13.90	0.04	24.42	63.20	0.00	29.33	87.66	107.47
JUL'14	18.94	13.16	0.03	39.19	70.10	0.00	32.10	109.32	132.29
AUG'14	23.93	7.56	0.61	27.67	59.88	22.69	31.49	110.85	132.62
SEP'14	26.13	11.75	0.06	19.00	48.79	31.97	37.88	99.82	127.21
OCT'14	18.53	10.42	0.01	19.36	46.55	43.45	28.95	109.37	128.61
NOV'14	19.97	10.60	0.05	15.19	30.76	36.26	30.57	82.26	102.51
DEC'14	4.60	1.60	0.00	0.00	20.47	25.44	6.20	45.91	45.15
JAN'15	0.00	4.02	0.04	0.00	16.31	22.98	4.02	39.33	36.97
FEB'15	23.23	4.27	0.06	3.62	14.33	10.27	27.50	28.28	49.63
MAR'15	19.16	14.36	0.02	1.81	14.00	6.89	33.52	22.72	50.30
APR'15	31.57	9.59	0.02	0.00	22.01	19.06	41.16	41.09	73.95
TOTALS	226.15	126.53	2.46	178.02	450.05	219.01	352.68	849.54	1101.14

----- Water Use (Acre Feet) -----										
Date	Domestic	Irrigat'n	Constrt'n	Golf Course	Golf Spare Cap	ID 3	ID 4	Total	Water Loss	% Loss
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
APR'14	9.20	8.32	1.90	6.96	26.25	8.32	0.00	60.95	3.14	4.90%
MAY'14	8.85	8.90	0.19	10.21	37.71	8.46	0.00	74.32	-1.39	-1.90%
JUN'14	10.03	12.25	0.00	4.32	50.52	9.52	0.00	86.64	1.02	1.17%
JUL'14	11.26	16.13	0.62	12.03	58.98	9.13	0.00	108.15	1.17	1.07%
AUG'14	13.27	17.82	0.18	0.00	68.48	9.72	0.00	109.47	1.38	1.25%
SEP'14	13.51	13.13	0.00	0.00	61.73	10.49	0.00	98.86	0.96	0.97%
OCT'14	12.23	15.39	0.01	0.00	71.55	9.71	0.00	108.89	0.48	0.45%
NOV'14	10.77	11.82	0.18	0.35	51.35	10.32	0.00	84.79	-2.53	-3.08%
DEC'14	9.05	6.94	0.04	0.00	30.83	6.96	0.00	53.82	-7.91	-17.24%
JAN'15	8.24	6.66	0.00	0.00	17.00	6.38	0.00	38.28	1.05	2.66%
FEB'15	7.89	5.20	0.00	0.00	7.72	6.15	0.00	26.96	1.32	4.67%
MAR'15	7.72	6.13	0.00	0.00	3.03	5.94	0.00	22.82	-1.10	-5.50%
APR'15	10.21	10.26	0.00	0.00	9.29	8.30	0.00	38.06	3.03	7.40%
TOTALS	123.03	130.63	1.22	26.91	468.19	101.08	0.00	851.06	-1.52	-1.18%

BÖRREGO WATER DISTRICT
 Water Production / Use Records
 ID # 3
 Month of April 2015

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			
APR'14	0.00	3.37	0.06	4.80	4.86	0.06	8.17	8.23
MAY'14	0.00	3.24	0.04	5.15	5.19	0.04	8.39	8.43
JUN'14	0.00	3.32	0.21	5.81	6.02	0.21	9.13	9.34
JUL'14	0.00	2.88	0.14	5.96	6.10	0.14	8.84	8.98
AUG'14	0.00	3.30	0.17	5.91	6.08	0.17	9.21	9.38
SEP'14	0.00	3.19	0.11	6.97	7.08	0.11	10.16	10.27
OCT'14	0.00	2.94	0.11	6.23	6.34	0.11	9.17	9.28
NOV'14	0.00	4.80	0.25	5.21	5.46	0.25	10.01	10.26
DEC'14	0.00	2.65	0.06	4.23	4.29	0.06	6.88	6.94
JAN'15	0.00	2.63	0.11	3.47	3.58	0.11	6.10	6.21
FEB'15	0.00	2.39	0.10	3.37	3.47	0.10	5.76	5.86
MAR'15	0.00	2.26	0.10	3.54	3.64	0.10	5.80	5.90
APR'15	0.00	3.03	0.14	4.98	5.12	0.14	8.01	8.15
TOTALS	0.00	36.63	1.54	60.83	62.37	1.54	97.46	99.00

Date	Water Produced Acre Feet	Water Delivered Acre Feet	Wtr Loss	% Loss
APR'14	8.32	8.23	0.09	1.08%
MAY'14	8.46	8.43	0.03	0.35%
JUN'14	9.52	9.34	0.18	1.89%
JUL'14	9.13	8.98	0.15	1.64%
AUG'14	9.72	9.38	0.34	3.50%
SEP'14	10.49	10.27	0.22	2.10%
OCT'14	9.71	9.28	0.43	4.43%
NOV'14	10.32	10.26	0.06	0.58%
DEC'14	6.96	6.94	0.02	0.29%
JAN'15	6.38	6.21	0.17	2.66%
FEB'15	6.15	5.86	0.29	4.72%
MAR'15	5.94	5.90	0.04	0.67%
APR'15	8.30	8.15	0.15	1.81%
TOTALS	101.08	99.00	2.08	2.06%

BORREGO WATER DISTRICT
 Water Production / Use Records
 ID # 4
 Month of April 2015

----- 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
APR'14	0.00	0.00	52.05	10.17	10.42	47.59	4.20	0.00	0.00	124.43	118.08
MAY'14	0.00	0.00	43.37	10.03	8.83	50.44	3.64	0.00	0.00	116.31	111.16
JUN'14	0.00	0.00	46.08	10.57	9.43	54.04	3.64	0.00	0.00	123.76	121.42
JUL'14	0.00	0.00	49.84	11.88	10.39	64.30	4.96	0.08	0.00	141.45	138.73
AUG'14	0.00	0.00	31.96	8.53	8.86	61.91	3.50	0.00	0.00	114.76	112.59
SEP'14	0.00	0.00	54.73	10.38	10.84	62.48	4.39	0.00	0.00	142.82	140.83
OCT'14	0.00	0.00	43.63	12.00	8.66	62.73	3.36	0.00	0.00	130.38	124.41
NOV'14	0.00	0.00	46.53	9.13	9.26	54.05	4.03	0.00	0.00	123.00	118.23
DEC'14	0.00	0.00	50.05	5.20	9.88	27.86	2.48	0.00	0.00	95.47	95.47
JAN'15	0.00	0.00	46.58	5.52	9.21	22.40	2.13	0.00	0.00	85.84	85.84
FEB'15	0.00	0.00	45.03	5.35	8.85	24.24	2.59	0.00	0.00	86.06	86.06
MAR'15	0.00	0.00	43.04	5.91	8.26	27.25	2.08	0.00	0.00	86.54	86.54
APR'15	0.00	0.00	52.18	10.61	9.98	53.46	3.53	0.00	0.00	129.76	129.76
TOTALS	0.00	0.00	553.02	105.11	112.45	565.16	40.33	0.08	0.00	1376.15	1351.04

Date	Water Produced Acre Feet	Water Use Acre Feet	Wtr Loss	% Loss	ID 5 Acre Feet
APR'14	124.43	110.41	14.02	11.27%	6.35
MAY'14	116.31	102.16	14.15	12.17%	5.15
JUN'14	123.76	108.44	15.32	12.38%	2.34
JUL'14	141.45	120.81	20.64	14.59%	2.72
AUG'14	114.76	101.51	13.25	11.55%	2.17
SEP'14	142.82	118.27	24.55	17.19%	1.99
OCT'14	130.38	118.27	12.11	9.29%	5.97
NOV'14	123.00	106.94	16.06	13.06%	4.77
DEC'14	95.47	77.31	18.16	19.02%	0.00
JAN'15	85.84	66.24	19.60	22.83%	0.00
FEB'15	86.06	69.74	16.32	18.96%	0.00
MAR'15	86.54	73.17	13.37	15.45%	0.00
APR'15	129.76	106.38	23.38	18.02%	0.00
TOTALS	1376.15	1169.24	206.91	15.04%	25.11

READING YOUR WATER METER

Knowing How Can Help You:

- Measure the amount of water your family uses
- Understand your water bill



The Borrego Water District installs most water meters at the edge of the road in the right-of-way near the property line. A concrete or plastic box with a lid protects the meter from traffic. Another circular metal lid covers the reading lens on the meter itself. If you prop open the circular metal lid, you will see a registering device like the one shown here. Most of our meters read straight across like the odometer on a car. When the reading reaches the highest digits (999999), it just starts over at zero. The District bills you monthly for incremental volume registered since the last meter reading in 100 cubic feet units (100 cubic feet = 748 gallons). Since the District charges by 100 cubic feet, the first two digits to the right are ignored (the ones and tens units).

How To Use Your Water Meter To Check Your Usage:

- Turn off all faucets in and around the house and stop all water-using appliances.
- If you are not sure that you have the right meter, call the District office at 760-767-5806 for the serial number to match against the one stamped on the circular metal lid.
- Check and note the meter reading
- Wait 15 minutes
- Read your meter again. If the reading has changed, you have a leak somewhere in the system. Call a plumber for repair immediately.
- ONLY District Personnel are authorized to turn meters ON and OFF.

How Fast Does Your Soil Drink Water?

SANDY SOIL, because of its high porosity, absorbs water at a rate of more than 2 inches per hour. Water literally flows right through sandy soils and very little is held for plant use.

Be A Leak Detector!

Most leaks result from worn washers in household faucets and shower heads. If your faucet is leaking at a rate of one drop per second, you can expect to lose 7.5 gallons per day. If it continues for a year, 2,700 gallons will go down the drain. Check your toilet for a silent leak. To test, drop a little food coloring in the tank. DO NOT FLUSH. Wait 10 minutes. If the food coloring appears in the toilet bowl, your toilet has a silent leak.

A leak from a hole this size at 60 psi would waste in one month:		
Diameter of stream in inches	100 cubic ft. water	
●	1/4"	527
●	1/8"	131
●	1/16"	32
●	1/32"	8

Absentee Owners:

Let the District know who is caring for your property and how to reach them. Have them check the premises at least twice weekly; inspect faucets and plumbing for leaks. Have a responsible person inspect automatic water systems periodically; malfunctioning timing devices of the flow setting set too high can cause high water loss.

BORREGO WATER DISTRICT
CONSERVATION ORDER AND
SUGGESTED CONSERVATION RESOURCES

CALIFORNIA MANDATED WATER USE RESTRICTIONS
JUNE 1, 2015 – MARCH 1, 2016

The following restrictions are mandated by the State of California effective June 1, 2015 to March 1, 2016 and apply to “municipal water users” including Borrego:

ALL MEMBERS OF THE COMMUNITY:

- Ornamental turf on public street medians may not be irrigated
- Newly constructed homes may not irrigate with potable water unless they meet certain standards
- Sidewalks and driveways may not be washed with potable water
- Irrigation runoff with potable water is prohibited
- Washing cars without an automatic shutoff nozzle is prohibited
- Decorative fountains must recirculate potable water or go dry
- Irrigating within 48 hours of measurable rain is prohibited
- Restaurants may only serve water upon request
- Hotels and Motels must offer guest the option not to launder linens daily and prominently display this option in each guest room

BORREGO WATER DISTRICT:

Borrego Water District must reduce by 25% in June through November 2015 its potable water sales as compared to June through November 2013. The deadline to report water use to the State by category is December 2015.

DISTRICT’S APPROACH TO REDUCTION MANDATE

The District’s initial response to the reduction mandate is to provide resources and opportunities for voluntary conservation by ratepayers. This includes online helps and suggested resources to reduce water use in the home and specific local and practical help for those wishing to reduce water use on landscaping, turf and other vegetation. There are resources to assist residents seeking to eliminate vegetation, replace vegetation with drought tolerant plantings or wean existing established vegetation from an excessive to reduced watering schedule. Unfortunately, there are currently no funds available to provide direct financial incentives to accomplish these tasks. Accordingly, the District has secured through various community organizations a variety of online resources, the assistance of the UCSD extension horticultural service, the guidance of a local master gardener and a source for local organic mulch.

However, if voluntary conservation is not sufficient to reach the mandated reductions, the District will be obligated to secure compliance through the application of penalties and fees in the same manner as other water agencies. The State is forecasting that the drought will continue at least another year and will likely mandate even more onerous reduction requirements next Spring.

BORREGO WATER DISTRICT
SUGGESTED CONSERVATION RESOURCES
Draft May 27, 2015

A. Inside a home:

Check out the following websites for additional suggestions like these:
Take shorter showers, fill the bath tub with less water
Turn off the water when brushing your teeth
Wash only a full load of clothes
Use an efficient dishwasher instead of hand washing dishes
See Resources below for many more suggestions

Resources:

www.socalwatersmart.com, 888-376-3314
www.olivenhain.com/customer-service/save-water-save-money/48-water-saving-tips/
www.sdcwa.org/sites/default/files/saveeveryday-fs.pdf
www.wateruseitwisely.com/100-ways-to-conserve
www.watersmartsd.com,

Install efficient clothes washer, dishwashers, toilets, shower heads and “point of use” water heaters or retrofit recirculating systems for an existing water heater

Rebates are available from SDGE – www.SDGE.com/save-money
Free sink aerators, shower heads and the like are available at:
www.SDGE.com/kit
Rebates may also become available from the State of California

B. Outside the home:

Promptly fix all leaks
Resource – BWD Handout: How to read your BWD meter
Only use a hose with a spray nozzle and a bucket to wash cars or wash your car at a commercial facility in town
Vacuum patios and driveways instead of washing them down
Don't allow a hose to run without a shutoff nozzle
Turn off decorative fountains, streams and water features for the summer and do not refill before November 30, 2015

Pools should have both a cover and a recirculating system
Rebates from SDGE for variable speed pumps – see above

Do not exchange pool water until after November 30, 2015
Plan pool repairs for after November 30, 2015

C. In the Garden

During the summer:

- Routinely check water wells and repair blow outs
- Cap or repair leaking irrigation
- Install irrigation timers
- Set timer to run over night, finishing close to dawn
- Mulch beds to reduce evaporation
- Turn the water off to plants slated to be replaced or removed
- Retain a spring watering schedule until daytime temperatures regularly exceed 100 degrees. Watch plants for evidence of stress.
- Install more efficient watering system to activate when temperatures drop

After the summer temperatures drop:

- Install and operate more efficient watering systems
- Wean plants from summer schedule, keep overnight watering schedule
In place until cold temperatures arrive
- Plant or transplant drought resistant plants
- Routinely check water wells and repair blow outs, repair leaks

After December 10, 2015:

- Refill fountains, decorative water features in public areas

RESOURCES:

Garden General:

ABDNHA – www.abdnha.org
ABDNH Association – 760-767-3052

Local Master Gardener – Ken Okey, ksokey@gmail.com, 858- 829-2712

Environmental Horticulture Advisor, Available July 1, 2015
UCCE San Diego County, Scott Parker,
IPM & Environmental Issues Program Representative
858-822-6932, saparker@ucanr.edu

Master Gardener Association of San Diego County
University of California Cooperative Extension
www.mastergardenerSD.org

LOCAL RESOURCES

Organic Mulch and Clean Vegetation Disposal:

SW corner of Henderson Canyon and DiGorgio Rd.
Kevin Fretz, Fretz4Green Consulting
Fretz4green@aol.com, Cell 949-380-8301

Landscape and Irrigation Design, Vegetation Removal, Grading and Disposal:
B&J Landscaping, Inc. d/b/a B&J Earthworks, 760-767-4212
Alanasche@yahoo.com

Fredricks Construction, Thomas Fredricks, 760-271-9621,
951-970-2199,

Root Training Specialist, Tree Services, Mulch, Irrigation and Desert Plants;
Juan's Tree Services, Allin1treecare@gmail.com, 760-215-9398,
760-250-9127

Tree and Oleander Trimming, Removal, Stumping:
The Treekeeper, 760-789-9961, 800-991-TREE
treekeepr@aol.com

Cactus and other desert plants and Consulting:
Dave Seaborne, 760-767-5719

Decorative Rock:
Southwest Boulder and Stone, 760-342-5522, southwestboulder.com
Indio, CA

J&L Materials, Inc., 760-343-1411, Thousand Palms, CA

Nurseries:
Torres Desert Nursery, 760-397-3320
The Garden, 760-767-4244

Handouts, websites and educational video presentations:

Mulching to save water:

<http://www.e-digitaleditions.com/i/178218-sdcwa-2013/92>

Landscape design and plant selection:

San Diego County Landscape Design Manual.pdf by County Dept. of
Planning and Land Use, Document can be emailed and provides
information on types of plants to use

WaterSmart Landscape Design for Homeowners: Oriented to Coast

<http://landscapemakeover.watersmartsd.org/>

One three hour class for Homeowners which provides an
over view of the process of designing their landscape. A 30 minute
design coaching session is available.

Water Conservation Garden at Cuyamaca College in El Cajon:

<http://www.thegarden.org/>

Landscape Training is available at <http://www.watersmartsdlandscaping.org/>
or <http://www.watersmartsd.org/programs/california-friendly-landscape-training-classes/> Offered by San Diego County

Landscape gardening book available at Coachella: <http://www.cvwd.org>,
In search, enter "Lush & Efficient" or try –
http://www.cvwd.org/conservation/lush_book/index.html.

Booklet on plants to use by Coachella Water District Resources
<http://web.cvwd.org/conservation/residential.php>
http://web.cvwd.org/conservation/lush_book/

Drought Tolerant Plant selection: <http://topratedplants.azurewebsites.net>

Watering and irrigation tools:

Put in your plants and soils and get a watering schedule:
<http://apps.sandiego.California-Friendly>

A drought watering guide by month for bushes, trees and turf
<http://cwatercounts.com/outdoor-watering-guide/>

Turf watering guide: Very detailed and useful for Advanced:
<https://docs.google.com/viewer?url=http%3A%2F%2Fanrcatalog.ucdavis.edu%2Fpdf%2F8044.pdf>

Turf replacement: <http://turfreplacement.watersmartsd.org/>