

**AGENDA**  
**Borrego Water District Board of Directors**  
**Special Meeting**  
**September 18, 2012 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. Comments from Directors and Requests for Future Agenda Items
- F. Comments from the Public and Requests for Future Agenda Items (comments will be limited to 3 minutes)

**II. CURRENT BUSINESS MATTERS**

- A. Discussion of providing a location for Cable USA antenna site at reclaim tank site at Rams Hill. (page 2-12)
- B. Discussion of IRWM (item to be discussed on or about 10:00 a.m.) (page 14-39)
- C. Discussion of New Development Fees (page 40-47)
- D. Discussion of Resolution #2012-09-01 for continuing of Brown Act procedures (page 48-49)
- E. Discussion of potential agenda items for September 26<sup>th</sup> board meeting

**III. CLOSED SESSION**

- A. Conference with Legal Counsel – Anticipated Litigation/Significant Exposure to Litigation  
Government Code section 54956.9(b)  
One case
- B. Conference with Legal Counsel- Anticipated Litigation/Initiation of Litigation  
Government Code section 54956.9(c)  
Two cases

**A. CLOSING PROCEDURE, Adjournment**

The next Regular Meeting of the Board of Directors is scheduled for September 26, 2012 at the Borrego Water District.



September 10, 2012

Borrego Water District  
PO Box 1870  
Borrego Springs, CA 92004

Dear Board Members:

USA Communications recognizes the need to increase the bandwidth to the Borrego Springs area in order to better serve our business and residential customers with additional bandwidth and much improved internet speeds. We have researched all of our options, including adding additional circuits in order to facilitate the area, however, when requesting additional circuits from the local telephone company; we were informed that they do not have the facilities to handle our request, therefore, USA Communications is interested in constructing a 30 foot self-supporting tower on the Borrego Water District property located on parcel number 200-272-06 and is 1.0 acre with a +/-50' diameter bolted steel tank in Borrego Springs, CA in order to expand the licensed wireless microwave link from the Salton Sea Imperial Valley; so that we can increase the bandwidth from a current connection that USA Communication currently utilizes to the Borrego Springs area.

It has been brought to our attention from your General Manager, Jerry Rowling, that there is a SDGE metered service that is currently not in use, that we could transfer into our name for the power service that is needed. Attached you will find the documents related to our project.

Prior Coordination Notice - This document is required by the Federal Communication Commission (FCC), and is distributed to all registrants of the 11GHz spectrum within range of this tower/link location. We are licensing the link with Trango Systems in conjunction with Radyn. (The link we are proposing to use would utilize the 11GHz spectrum.) This notice ensures that our proposed link will not interfere with any existing commercial, private, or governmental use of the spectrum. Anyone using this spectrum has the right to contest our use, and we are not able to proceed if there is any significant impact to existing operations. All licensing is subject to FCC approval. This link would be placed at the top of the proposed tower, approximately 30ft AGL.

Trango Dish Specifications - This document shows the form and dimensions of the Microwave Radio Dish that we would be utilizing to make this link. One three foot diameter dish would be used at this tower site.

Enclosure Specifications Sheet - This document shows the form and dimensions of the enclosure that would be installed at the base of the tower to contain and power the Microwave link.

ROHN Tower Specifications - This document explains the tower design to be used, shows what it will look like, the base requirements for ensuring it is stable and secure, and also explains the American National Standards Institute's approved standards.

We feel that time is of the essence to secure space immediately, so we have ample time to construct and deploy prior to October 1, 2012; as this is when our seasonal customers return back

into the Borrego Springs area. Knowing that there are not many options available in the area, this will definitely be a movement going forward for the public good.

Thank you for your consideration in moving forward with our request. I look forward to attending your meeting on September 18<sup>th</sup> to answer any questions you may have, or you can reach me at 308-627-7251.

Sincerely,

A handwritten signature in black ink, appearing to read 'Stuart Gilbertson', written over a horizontal line.

Stuart Gilbertson  
Chief Operating Officer

# Radyn

PCN12007RDI12 - September 4, 2012

Page 1

PRIOR COORDINATION NOTICE (PCN)  
\*\*\*\*\* EXPEDITED RESPONSE REQUESTED \*\*\*\*\*

FREQUENCY COORDINATION DATE(S): 09/04/2012  
FREQUENCY COORDINATION NUMBER: 12007RDI12  
REQUESTED REPLY DATE: 09/19/2012  
PROJECT NAME: BORREGO-ATT-SALTON  
OWNER NAME: ANTILLES WIRELESS, LLC

PROPOSED PATH(S): ATT, CA - BORREGO, CA 11 GHz  
~~ATT, CA - SALTON, CA 11 GHz~~

A radio frequency interference study has been conducted for the system referenced above. Our analysis indicates that this proposal satisfies industry accepted interference criteria. Pursuant to Part 101.103 of the FCC Rules and Regulations, the technical parameters of this system are enclosed for your examination and review.

One or more paths in this system use microwave radios with Adaptive Modulation capability. The path(s) will normally perform at the highest listed modulation, in compliance with §101.141(a)(3) of Commission rules. They will automatically drop to lower modulation rates to prevent service outage due to fading. Some of these Adaptive Modulation modes may have lower bit rates than the values specified in §101.141(a)(3).

Should your review of this notice reflect a potential conflict, please notify us at your earliest convenience. If a response is not received within 15 days of the date of this letter, we will assume that there are no objections to this proposal.

Please send all responses to this coordination as a return email to [FrequencyCoordinator@radyn.com](mailto:FrequencyCoordinator@radyn.com) or by regular mail to:

SPECTRUM ANALYST  
RADYN, INC.  
PO BOX 10867  
SILVER SPRING, MD 20914

If you should have any questions, or require additional information, please contact us by telephone at (301) 493-5171, by fax at (301) 576-4553 or by email at [FrequencyCoordinator@radyn.com](mailto:FrequencyCoordinator@radyn.com).

Sincerely,  
RADYN, INC.  
SPECTRUM ANALYST

Attachments

# Radyn

PCN12007RDI12 - September 4, 2012

Page 2

STATION NAME, STATE	ATT, CA	BORREGO, CA
COUNTY	SAN DIEGO	SAN DIEGO
CALL SIGN		
ASR NUMBER	1014802	
LATITUDE (NAD83)	33-16-48.90N	33-11-03.23N
LONGITUDE (NAD83)	116-05-06.80W	116-19-46.88W
GROUND ELEV (AMSL)	528 ft/160.9 m	899 ft/274.0 m
AZIMUTH TO RX	245.02 deg	64.88 deg
DISTANCE TO RX	15.629 miles/25.152 Km	15.629 miles/25.152 Km
FREE-SPACE LOSS	141.5 dB	141.5 dB
TX/RX ANTENNA		
MANUFACTURER	TRANGO SYSTEMS INC.	TRANGO SYSTEMS INC.
MODEL NUMBER	AD11G-3-S2	AD11G-3-S2
DIAMETER	3.0 ft/0.9 m	3.0 ft/0.9 m
BEAMWIDTH	2.0 deg	2.0 deg
GAIN	37.9 dBi	37.9 dBi
CENTER LINE (AGL)	100 ft/30.5 m	30 ft/9.1 m
TILT ANGLE	0.21 deg	-0.21 deg
TX/RX LOSS	0.0 dB	0.0 dB
SIDE A/B RADIO EQUIPMENT		
MANUFACTURER	TRANGO SYSTEMS (Adaptive Modulation)	
MODEL NUMBER	ApexPlus11, ApexPlus11, ApexPlus11, ApexPlus11	
EMISSION DESIGNATOR	40M0D7W, 40M0D7W, 40M0D7W, 40M0D7W	
MODULATION TYPE	QPSK, 16QAM, 64QAM, 256QAM	
MODULATION RATE (kbps)	62000, 128000, 192000, 255000	
STABILITY (%)	0.0007, 0.0007, 0.0007, 0.0007	
POWER		
COORD TX PWR/RSL (dBm)	28.0/-37.7, 26.0/-39.7, 22.0/-43.7, 21.0/-44.7	28.0/-37.7, 26.0/-39.7, 22.0/-43.7, 21.0/-44.7
ATTENUATOR (dB)	0.0	0.0
EIRP (dBm)	65.9, 63.9, 59.9, 58.9	65.9, 63.9, 59.9, 58.9
TRANSMIT FREQUENCIES	10735.000V MHz	11225.000V MHz



POINT-TO-POINT

## High Performance Point-to-Point Microwave Antennas

HIGH-PERFORMANCE POINT-TO-POINT MICROWAVE ANTENNAS

### Overview

Trango Systems' high performance microwave dish antennas were designed for your next generation high capacity microwave networks. The low-sidelobe, deep dish, subreflector architecture boasts exceptional gain, with front to back ratios, ETSI class 2/3 and FCC Cat A envelope compliance. The slip fit mount supports both vertical and horizontal polarization simultaneously for dual polarization configurations when combined with Trango's SMC or OMC Combiners or single ODU configurations. Trango antennas require very little assembly due to their single piece reflector design.

### Features

- » Dual polarization support for greater flexibility
- » Direct slip-fit mount for easy installation
- » Ease-of-installation (antennas shipped completely assembled, minimal mount assembly required)
- » Compact size with innovative feed design
- » Corrosive-resistant finish
- » Standard 5-year manufacturer warranty

#### GENERAL SYSTEM SPECIFICATIONS

<i>VSWR Max. (R.L., dB)</i>	1.4:1 (15.5)
<i>Regulatory</i>	EN 302 217-4-1 EN 302 217-4-2 Class 2/3 RPE FCC Part 101 Category A (some models)
<i>X Pol. Disc.</i>	30 dB minimum

#### CONNECTIONS

<i>ODU</i>	Circular Waveguide slip-fit for HP ODU connection
------------	---

#### MECHANICAL

<i>Reflector</i>	Stamped or spun aluminum, powder coated
<i>Mounting</i>	Slip-fit Latch/Strike configuration designed for HP ODU and ApexPlus.

#### ENVIRONMENTAL

<i>Temperature Range (Operational)</i>	-40° to +55° C
<i>Temperature Range (Storage)</i>	-45° to +70° C
<i>Humidity</i>	100% Condensing
<i>Altitude</i>	4500 m (15,000 ft)
<i>Wind Velocity Operational</i>	68 mph (110 km/h)
<i>Wind Velocity Survival</i>	149 mph (240 km/h)

## Trango High Performance Antenna Specifications

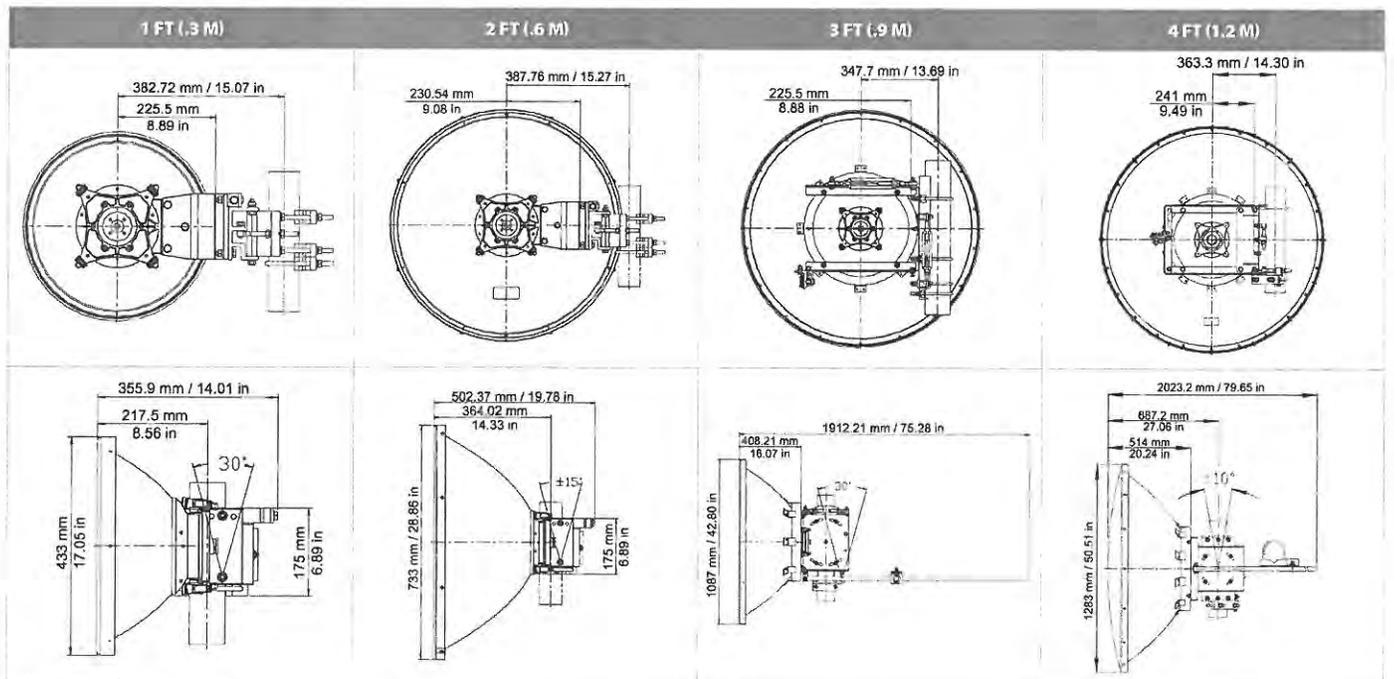
MECHANICAL SPECIFICATIONS	1 FT (.3 M)	2 FT (.6 M)	3 FT (.9 M)	4 FT (1.2 M)
<b>Fine Azimuth Adjustment</b>	Coarse 360° Fine ± 15°	Coarse 360° Fine ± 15°	Coarse 360° Fine ± 15°	Coarse 360° Fine ± 15°
<b>Fine Elevation Adjustment</b>	Coarse ± 25° Fine ± 15°	Coarse ± 25° Fine ± 15°	Fine ± 10°	Fine ± 10°
<b>Mounting Pipe Diam.</b>	2 - 4.5" (50 - 114mm)	2 - 4.5" (50 - 114mm)	4.5" (114mm)	4.5" (114mm)
<b>Side Struts (included)</b>	0	0	1	1
<b>Antenna Net Weight</b>	16.8 lb. (7.65kg)	27.83 lb. (12.65 kg)	77.88 lb. (35.4 kg)	85.4 lb. (38.4 kg)

## Wind Loading Specifications

	1 FT (.3 M)	2 FT (.6 M)	3 FT (.9 M)	4 FT (1.2 M)
<b>Axial Forces (FA)*</b>	567 N	1815 N	3926 N	7531 N
<b>Side Forces (FS)*</b>	178 N	569 N	1230 N	2360 N
<b>Twisting Moment (MT)*</b>	230 N m	691 N m	1548 N m	3090 N m
<b>Zcg w/o ice</b>	1.7" (43 mm)	5.3" (134 mm)	6.6" (168 mm)	10.6" (270 mm)
<b>Zcg with 1" (25.4mm) ice</b>	2.9" (74 mm)	7" (177 mm)	9.7" (247 mm)	14.7" (374 mm)
<b>Weight with 1" (25.4mm ice)</b>	27.8 lb. (12.65 kg)	59.7 lb. (27.1 kg)	150.4 lb. (68.2 kg)	211.3 lb. (95.9 kg)

\*Wind forces at wind velocity survival rating.

## Antenna Dimensions and Mounting Information





# OSVP-18168

18" H x 16" W x 8" D Small Outdoor Enclosure

[Click Here For More Information Online](#)



### General

#### Weight

- 16 Lbs.

#### Doors

- Secured with 2 Pad Locking Hasps
- Sealed with .875" aluminum filled gaskets

#### Material

- .125" Alumiflex™
- RF properties: Non-ferrous

#### Vents

- Poly Filtered for Air Intake
- Poly Filter Fan for Exhaust Using our Alumiflex™ material, vents & access

#### Mounting

- New Revised Full Top and Bottom 4" Mounting Tabs
- 2 - .5" holes in each for mounting

#### Plate

- Inside Removable Aluminum Plate 16 H x 6" W

### Ratings

#### NEMA Class Types available

- Class 250 Type 4

#### Paint Tested

- 1000 Hour salt spray
- 1000 Hour immersion

### Exterior Cabinet Dimensions

#### Main Body

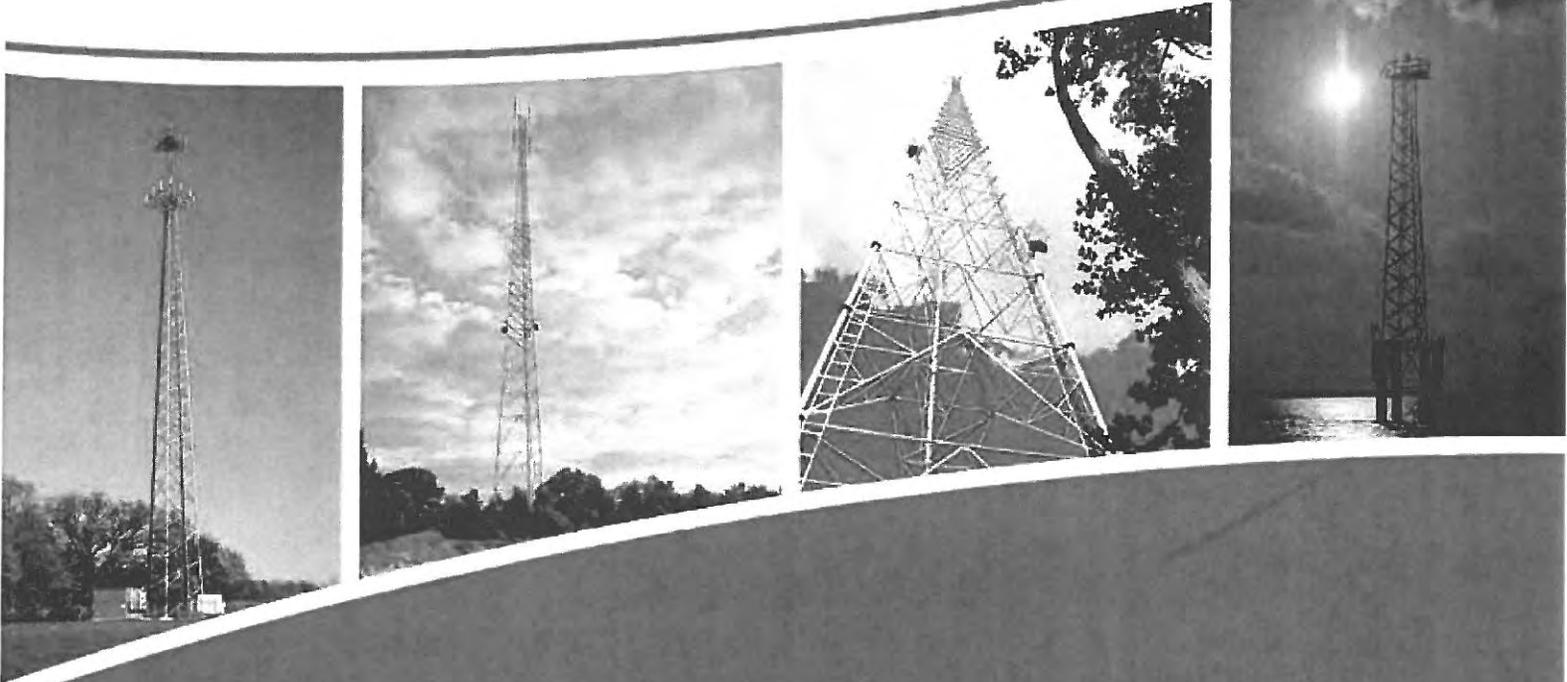
- Height: 18"
- Width: 16"
- Depth: 8"

#### Kit comes with:

- 110 CFM 110V Fan Kit with Thermostat
- 100 Watt Flex Heater (On 45° F, Off 55° F)



# SELF-SUPPORTING TOWERS



**STANDARD G-SERIES SELF-SUPPORTING**



# G-SERIES SELF-SUPPORTING

## GENERAL USE

The self-supporting G-Series towers offer an easy, low-cost solution to get light weight antennas in the air quickly. By using the G-Series tower as a self-supporting structure, you minimize land area usage. They are functional in a wide variety of wind speeds. See ROHN's standard designs to help identify the right structure for your project. These are the same sturdy, robust tower sections that ROHN has fabricated for years. Each larger model allows for more loading capacity.

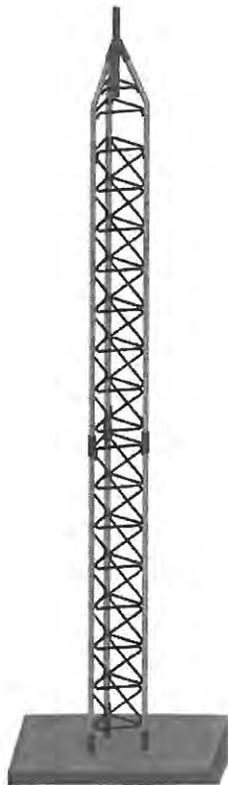
## FEATURES

- Completely hot-dip galvanized after fabrication
- Cross bracing is formed by a continuous solid rod bracing fashioned into a zig-zag pattern for strength
- Pre-engineered loading charts meet varying individual specs and site conditions
- Typical uses include: small dishes, broadband, security and two-way communication
- All towers have 'fixed' bases

## KITS

The kit part numbers for ROHN Self-Supporting G-Series towers include:

- Short base for embedment in concrete
- Rev F ground kit
- All tower sections and connection hardware
- Tapered top (25G and 45G towers)
- Top plate (55G towers)
- Cap plate kit (65G towers)



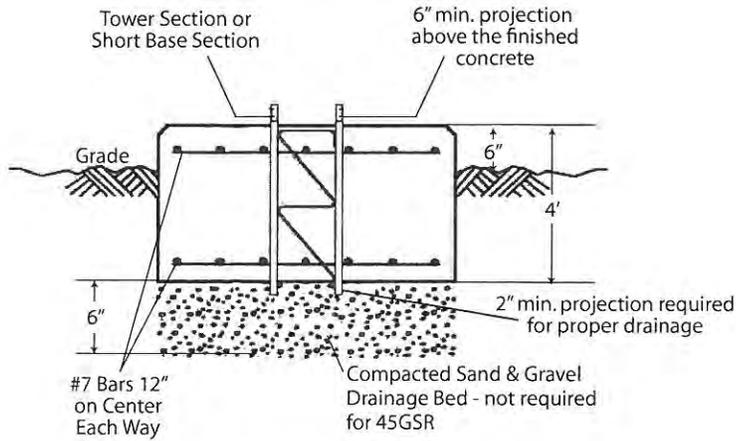
Typical Self-Supporting  
25G, 45G and 55G Tower



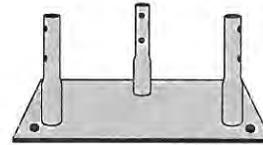
Typical Self-Supporting  
45GSR and 65G Tower

*Per Rev G requirements, any structure greater than 10' requires a climber safety device. Please see page 209 for ordering information.*

## SELF-SUPPORTING G-SERIES FOUNDATIONS

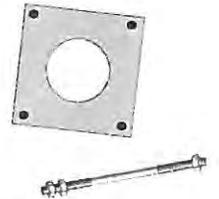


**ELEVATION VIEW**  
25G (shown), 45G & 55G  
SELF-SUPPORTING TOWER FOUNDATION



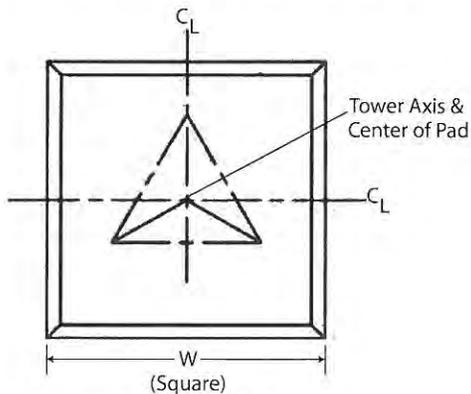
**CONCRETE BASE PLATE WITH ANCHORS**  
25GSSB  
FOR USE WITH SELF-SUPPORTING 25G TOWERS.

ALTERNATIVE TO USING SHORT BASE. BASE BOLTS & TEMPLATE MUST BE ORDERED SEPARATELY.



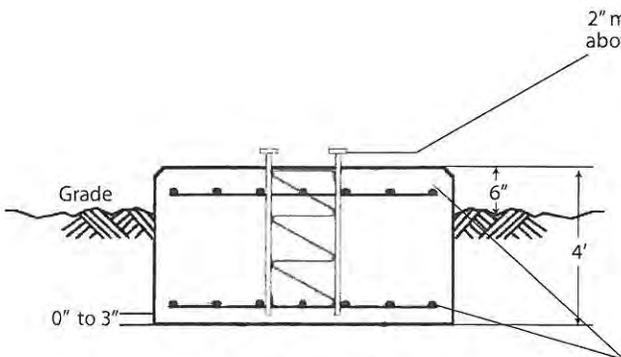
**BASE BOLTS & TEMPLATE**  
KH8175A

FOR USE WITH 25GSSB IN SELF-SUPPORTING 25G TOWER APPLICATIONS. KIT INCLUDES (1) TEMPLATE & (4) BASE BOLTS.

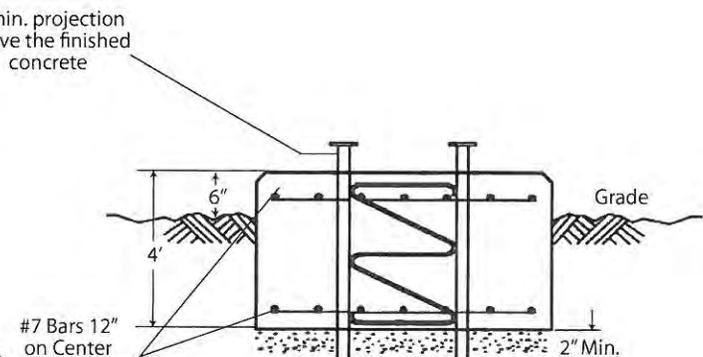


**PLAN VIEW**

Tower	Mat Width (W)	Concrete Volume (Cu. Yds.)
25G	4'-0"	2.4
45G	5'-3"	4.1
55G	6'-0"	5.3
45GSR 65G	7'-9"	8.9



**ELEVATION VIEW**  
45GSR  
SELF-SUPPORTING TOWER FOUNDATION



**ELEVATION VIEW**  
65G  
SELF-SUPPORTING TOWER FOUNDATION



## SELF-SUPPORTING G-SERIES DESIGN NOTES

1. Tower designs are in accordance with approved national standard ANSI/EIA-222-F and ANSI/TIA-222G, Structure Class I, Exposures B and C, Topographic Category I.
2. All towers must have "fixed" bases. Pinned bases may not be used.
3. Designs assume transmission lines symmetrically placed as follows:
  - 25G Tower - One 5/8" Line on each face (Total =3)
  - 45G Tower - One 7/8" Line and one 1/2" line on each face (Total = 3 @ 7/8" & 3 @ 1/2")
  - 55G & 65G Towers - Two 7/8" Lines on each face (Total =6)
4. Antennas and mounts assumed symmetrically placed at tower apex.
5. Rev F tabulated allowable antenna areas assume all round antenna members.
6. Allowable flat-plate antenna areas, based on EIA RS-222-C, may be obtained by multiplying Rev. F Antenna areas shown by 0.6.
7. Standard foundation designs are based on Rev. F normal soil and Rev. G presumptive clay soil parameters.

Refer to pages 147-153 for General Installation and Foundation Notes.

**BLANK PAGE**

DATE: September 14, 2012

TO: Board of Directors

FROM: Jerry Rolwing

RE: Integrated Regional Water Management Planning Grant Application

On July 27, 2012 the Department of Water Resources released the list of recipients of the second round of planning grant applications. The Anza Borrego Desert IRWVG was not funded. The following steps were taken:

- 1) Letter drafted with assistance of RMC and Director Lyle Brecht to the Deputy Director of the DWR in charge of the IRWVG program (attached A).
- 2) Letter drafted by RMC with revisions by Director Lyle Brecht and myself to address the scoring deficiencies we observed in the review. This was used as our formal submission in the comment period which closed August 24th (attached B).
- 3) Tom West of RMC and myself presented both the comment letter and the attached list of activities (attached C) accomplished by the group, including other work done by the District, County and local pumpers to reduce water usage on the aquifer.

The DWR released a handout prior to the comment period (attached D) and will make their final recommendations for funding late September or early October 2012.



# Anza Borrego Desert Integrated Regional Water Management

P.O. BOX 1870  
806 PALM CANYON DRIVE,  
BORREGO SPRINGS, CA 92004  
(760) 767-5806  
FAX (760) 767-5994  
[www.borregowd.org](http://www.borregowd.org)

August 13, 2012

Ms. Dale Hoffman-Floerke  
Deputy Director, California Department of Water Resources  
P.O. Box 942836  
Sacramento, CA 94236  
Via e-mail: [dalehf@water.ca.gov](mailto:dalehf@water.ca.gov)

Dear Ms. Hoffman-Floerke:

In May 2011 our Sacramento attorney, David Aladjem, and I met with you while I was attending the spring ACWA conference. At that time, you had recently moved from IRWM to a position with the Bay-Delta group and included Ms. Paula Landis via telephone for our meeting. David and I explained the difficult situation the Anza Borrego Desert area was experiencing. The predominant problem was, and still is, the overdraft of the sole source aquifer under the community of Borrego Springs and the Anza-Borrego Desert State Park. We left the meeting encouraged that the DWR might be able to assist in our IRWM planning effort.

The Department of Water Resources (DWR) has since denied the Anza-Borrego Desert (ABD) IRWM region's request for the second, and final, round of planning grant funding. The ABD region will be submitting a formal comment letter concerning the Round 2 scoring through normal channels. However, we would like to ask you to clarify what are the DWR's plans for this region?

- DWR approved the ABD region, after our attempts to join other adjacent groups were unsuccessful, but has not allocated any planning grant funds to meet the legislature's IRWM planning guidelines;
- the ABD region is comprised entirely of DAC-designated communities who do not have the resources to develop a regional water management plan on their own that meets DWR requirements;
- our understanding of the IRWM requirements is that an approved regional plan is necessary for eligibility in Rounds 2 and 3 of implementation funding.

Thus, from our perspective it appears that DWR is creating an unfunded mandate for the ABD region. That is, the region is relegated to a situation where it may never be in a position to apply for any DWR implementation grant funds as it was never able to afford to meet DWR's IRWM planning requirements.



To date, the Borrego Water District (BWD) has expended \$328,425 of ratepayer's money on the concept of integrated regional water management and has done an extraordinary job of bringing together "regional" entities for the common purpose of addressing regional issues. This was a difficult task due to the fact that none of these rural regional entities have anything in common, except the sole dependence on groundwater and the risk of alluvial fan flooding from major weather events. BWD can no longer justify expending more ratepayer's funds on this venture and without any State funding for this IRWM program, all of these positive efforts will be negated.

2006	2007	2008	2009	2010	2011	2012
Attempted the join other adjacent IRWM regions (San Diego, Coachella Valley, and Imperial) but were unsuccessful		Original RAP submittal included the Borrego Valley only	DWR approved the ABD region, but required that it be expanded to include additional portions of San Diego and Riverside counties	Began a stakeholder outreach process of 7 stakeholder meetings to prepare an IRWM Plan and submitted a Round 1 planning grant application	DWR denied our Round 1 application, but hired a professional facilitator to support the region's stakeholder outreach effort	Held over 10 stakeholder meetings to reach consensus on our Round 2 application, which has also been denied by DWR

Presently, the ABD RWMG does not see a way out of this conundrum and would like your advice as to how to proceed. We would appreciate your advice at the earliest possible date as this issue is timely and potentially damaging to the ability of communities in the region that face immediate and severe water supply/stormwater issues.

Thank you for your consideration.

Sincerely,



Jerry Rolwing  
Chair, Anza-Borrego Desert IRWMG

Cc: Ms. Paula Landis, DWR, Chief of Division of IRWM  
Ms. Tracie Billington, DWR, Chief of Financial Assistance Branch  
Mr. Joe Yun, DWR, IRWM Planning Grant Project Manager  
Ms. Anna Aljabiry, DWR, IRWM Regional contact  
Mr. Brian Moniz, DWR, IRWM Southern District contact

Mr. David Aladjem, Downey Brand Attorneys, LLP

*Presented to DWR staff (Joe Yun, Anna Aljabiry and Brian Moniz) by Jerry Rolwing and Tom West (RMC) on August 20, 2012 in Glendale, CA*

## **Progress of The Anza Borrego Desert IRWMG:**

- **ABD group formed after attempts to join other groups failed**
- **Rural area with no city governments, traffic lights or organized structure**
- **Three agencies formed the group, accepted by RAP in 2009**
- **Participating Anza-Borrego Desert State Park is 70% of Regional area**
- **Borrego Valley is gateway to ABDSP, business and educational center**
- **17 stakeholders meetings - all noticed and open to public**
- **Two Planning Grant Application processes**
- **over 90 recipients on notification e-mail list including:**

**public water agencies (4)**

**Indian reservations (5)**

**Regional Water Quality Control Board**

**BLM**

**Desert Protective Council**

**State Parks (2)**

**Resource Conservation Districts (2)**

**County Departments (2)**

**Community Planning Groups (4)**

**Farming interests**

**Golf Course interests**

- **Contacts made with all adjacent IRWMG's**
- **Regional needs vary - water supply, flood control are key components**
- **DWR sponsored report by Dale Schafer and Ali Taghavi**
- **Concerns about how the scoring has affected our plan**
- **Momentum will be lost without funding**
- **Disadvantaged Community participation key to the Region**
- **Success with Borrego Valley will emphasize to other small groups in the region that the IRWM program can work for their issues as well**

## **Recent activities that have reduced water usage in the Region**

### **County of San Diego:**

In 2004 the Department of Planning and Land Use developed a Borrego Valley Water Mitigation Policy in accordance with the County Groundwater Ordinance. The concept was a "no net gain" on the aquifer overdraft by requiring new development to take out an existing water use to make room for the new use. This program is currently being merged with the Borrego Water District's Water Credit Program.

### **Agricultural Community:**

Fallowed 40 acres of lemons resulting in permanent water savings of 200 acre feet per year (AFY) with no water credits being sold to future developers - Borrego Water District financed

Private fallowing projects totaling 40 acres of lemons and dragon fruit converted to water credits for future development

Fallowed 1/2 of 120 acres of lemons in 2012, financed by Borrego Water District to be converted to water credits for future development, second 1/2 due in 2013

### **Golf Course/Resort Community:**

Rams Hill (Montesoro) Golf Course closed and the primary well was sold to the Borrego Water District, a 1,200 AFY savings

Borrego Springs Resort closed for summer months and nine of twenty-seven holes closed completely- 350 AFY savings

The Springs at Borrego RV Resort incorporated the latest irrigation technology in their desert-designed nine hole golf course which only uses 135 AFY on the 84 acre course

Club Circle Golf retrofitted its irrigation system with water saving devices financed by Borrego Water District

### **Borrego Water District:**

Two-year conservation rebate program including \$150 low-flush toilets, \$450 low-use watering machine (15 gallons or less), \$1/sq. ft. turf purchase program up to 2,500 sq. ft., landscape irrigation audit and

25% funding of irrigation repairs from audit suggestions. The two-year program cost to the District was \$328,474. A tiered water rate program began in fiscal year 2010 in order to curb high water usage by residential customers. **Single family residence water usage dropped from 0.95 AFY in 2004 to 0.61 in 2012.**

**Other programs to address the overdraft:**

The Borrego Water District created a Groundwater Management Plan adopted in 2002. This well vetted community program outlined a series of goals and objectives to address the overdraft of the Borrego Valley aquifer.

In 2008 the District drafted a Borrego Valley Water Resources Plan which began the efforts for a Regional Water Management Program. After attempts to join other adjacent DWR recognized IRWMG's, the Borrego Water District utilized its own funds to create the Borrego Valley IRWMG, later the area was expanded at DWR's request and in 2009 the region was approved. Later the name was changed to the Anza Borrego Desert IRWMG. Although the group was formed in cooperation with the County of San Diego and the Resource Conservation District of Greater San Diego County, the entire effort was funded by the Borrego Water District totaling \$328,425.

Also in 2008 a three-year program was initiated with the U.S. Geological Survey and DWR. This program was designed to update the 1982 and 1987 Open File Reports including the numeric model of the groundwater basin. The District's share of this study is \$422,500. In addition, the District also paid the DWR Southern District \$136,789 to assist in coordinating and analyzing the Valley's well drilling data from the State Well Driller's Log Library. Initial reports suggest that the upper of the three aquifers in the Borrego Valley will be depleted in 50 year at present withdrawal rates. The report is expected to be published in late 2012.

In 2009, the District was awarded a \$275,000 State and Tribal Assistance Grant to determine the feasibility of building an imported water pipeline from the Imperial Valley. The study revealed that the cost of such a construction project could not be economically feasible for the residents and pumpers of the Borrego Valley.

In 2010, the District joined the Imperial Irrigation District and the Coachella Valley Water District in the Southeast California Basin Study under the U.S. Bureau of Reclamation's Water Smart Grant Program. This project will evaluate the desert's regional water conveyance and supply issues. The final report is due in early 2013.

Thank you.

Jerry Rolwing  
Chair, Anza Borrego Desert IRWMG  
and General Manager of the Borrego Water District



# Anza Borrego Desert Integrated Regional Water Management

P.O. BOX 1870  
806 PALM CANYON DRIVE,  
BORREGO SPRINGS, CA 92004  
(760) 767-5806  
FAX (760) 767-5994  
[www.borregowd.org](http://www.borregowd.org)

August 16, 2012

California Department of Water Resources  
Division of Integrated Regional Water Management  
Financial Assistance Branch  
Post Office Box 942836  
Sacramento, CA 94236  
Attn: Joe Yun

**SUBJECT: COMMENTS ON ROUND 2 PLANNING GRANT EVALUATION AND REQUEST TO RESCORE AND FUND THE ANZA BORREGO DESERT PLANNING GRANT PROPOSAL**

Dear Mr. Yun,

Thank you for the opportunity to comment on the Anza Borrego Desert (ABD) Proposition 84 Integrated Regional Water Management (IRWM) Planning Grant evaluation and scoring. This letter documents our major concerns and provides responses to the Department of Water Resources (DWR) Proposal Evaluation comments on ABD's Planning Grant Proposal (Proposal).

Comments are provided below on the Proposal Evaluation with specific details clarifying where we believe scoring errors may have occurred or DWR reviewers may have misunderstood the description of the planning activities in the ABD IRWM Region (Region) as discussed in the Proposal.

### **Overall Context for ABD IRWM Planning Effort**

DWR's IRWM Grant Program seeks to address major water-related issues and conflicts within the State, particularly as those relate to disadvantaged communities (DACs). As described in ABD's Proposal, the sole source aquifer under the community of Borrego Springs and the Anza-Borrego Desert State Park is in severe overdraft. The ABD Region is comprised entirely of DAC communities (Work Plan Figure 3-3; also attached) who do not have the resources to develop a regional water management plan on their own that meets DWR requirements. In 2011, DWR commissioned a professional facilitator to work with the region's stakeholders to assess their ability and interest in working together. This report concluded:

"The state of the Borrego Valley groundwater basin is critical to the water supply needs of the Anza Borrego Desert region. It is of utmost importance that the stakeholders within the Borrego region work together to manage their groundwater resources sustainably. The findings of this assessment indicate that the stakeholders are willing to work... to develop an understanding of the scale of the problem and state of the basin and to develop a workplan to address the issues."



## Work Plan

### **Inconsistent Application of Work Plan Scoring Criteria Among Round 2 Proposals:**

In our review of the July 2012 Round 2 Planning Grant Draft Funding Recommendations table, we noticed that the Santa Clara River Region scored full points (15 points) for the Work Plan while the ABD Proposal scored only 9 points. To understand what DWR considers as an excellent Work Plan, we obtained a copy of the Santa Clara River IRWM Region's Round 2 Planning Grant Proposal which is publically available online. Upon reviewing the level of detail in the Santa Clara River's Work Plan and the ABD Region's Work Plan, we have substantial concerns that DWR has not scored proposals in a clear and consistent manner. **Appendix A** to this letter includes the Santa Clara River and the ABD Region Work Plans for comparison.

DWR scoring criteria for the Work Plan category states:

"Scoring is based on the completeness and appropriateness of detail and planning that the applicant demonstrated within the application that supports the development of a standards-compliant IRWM Plan or component of a IRWM Plan." (Round 2 Planning Grant PSP, Table 5, page 19) (emphasis added)

Despite DWR's scoring criteria for the Work Plan category, the Santa Clara River's Work Plan states:

"Further, the funds requested from this grant funding opportunity for development of the Recycled Water Master Plan Update and the Updating of the Water Use Efficiency Strategic Plan do not directly fill the gap in terms of a need for a compliant IRWMP. As described in Table 3-1 above, much of the work currently occurring is bringing the Plan into concurrence with the Proposition 84 Standards." (Santa Clara River Work Plan, Pages 15-16) (emphasis added)

How can DWR provide a full score of 15 points to a planning grant proposal that has nothing to do with directly updating an IRWM Plan? As acknowledged in their Work Plan, the Santa Clara Valley Region received funding in Round 1 and work is "currently occurring" to complete their IRWM Plan Update.

Further, the level of detail provided in the Santa Clara River Proposal (Santa Clara River Work Plan, pages 10-16) is simply inferior compared to the ABD Region's Work Plan (ABD Work Plan, pages 24-39), which was criticized by DWR for having "documentation and rationales (that) are incomplete or insufficient." We don't understand how the scoring criteria used to evaluate the Planning Grant work plans led to the draft awards and request that DWR reconsider and rescore the ABD proposal based upon consistent and clear criteria.

### **DWR Comment 1:**

"While the Applicant explains current circumstances and priority issues for the region, the Proposal lacks documentation supporting how the Plan will comply with the following five IRWM Plan standards: a) Integration, b) Project Review Process, c) Impacts and Benefits, d) Finance, and e) Coordination. Although Table 3-2 cites the Work Plan tasks that address each of the standards; the tasks, as described, do not always support the table reference. The use of a catchall phrase in Task 3.6 assumes all unmentioned

standards will be covered in Task 3.6 is insufficient in supporting that a standards compliant plan will result from the planned work.”

**Response to Comment 1:**

The Work Plan is structured to build upon stakeholder outreach (described in Task 1), regional planning studies (described in Task 2), and specific IRWM planning activities (Task 3) in order to develop a standards-compliant IRWM Plan. Tasks 3-1 through 3-5 are designed to address IRWM Plan Standards that will require an additional amount of work and stakeholder input. Task 3-6 is designed to accumulate all of the work products from Task 1, Task 2, and Task 3-1 through Task 3-5 to create an IRWM Plan that addresses all IRWM Plan standards.

The Work Plan specifically states that some work has been completed in the Region’s Draft IRWM Plan (page 22-23), and that this information will form the basis of the planning grant effort. The Proposal states:

“the RWMG will utilize information for sections such as Resource Management Strategies, Impacts and Benefits, and Integration Opportunities that were included within the Draft IRWM Plan.” (ABD Work Plan, page 38)

Additional budget was not allocated to chapters or topics where the initial draft is relatively complete; as such, Task 3-6 covers the minor improvements that need to be made to these chapters. Further, Table 3-2 outlines the revisions and work needed to ensure that each of the Plan standards is fully incorporated into the IRWM Plan sections. With regard to the standards specifically called out in the evaluation:

1. *Integration* – Section 4 of the Draft IRWM Plan articulates how the integration of the resource management strategies can support Plan objectives and provide additional benefits. The Integration standard will be fully met through expansion of the stakeholder outreach process (Task 1), wherein stakeholders have an opportunity to develop partnerships and integration opportunities. Section 4 of the Draft IRWM Plan will then be expanded to better describe the stakeholder/ institutional and project integration that results. This integration description will then be incorporated into the IRWM Plan during Task 3-6.
2. *Project Review Process* – Section 5 of the Draft IRWM Plan clearly describes the Region’s project review process, including project submittal, screening, and prioritization. The Project Review Process standard will be fully met through refinement of the Region’s goals, objectives, and priorities (Task 3-2), which will help to refine the project review process by serving as the basis for evaluation criteria during project selection. This refined selection process will be described and incorporated into the IRWM Plan during Task 3-6.
3. *Impacts and Benefits* – Section 6 of the Draft IRWM Plan includes an assessment of impacts and benefits of the projects submitted for inclusion in the Plan, including specific assessment of the impacts and benefits to DACs. The Impacts and Benefits standard will be fully met when this discussion is updated during Task 3-6.
4. *Finance* – The Finance standard will be met through development of a financing program for the IRWM program and projects, which is designed as an open and

transparent Stakeholder Committee process (Task 3-1). This financing program will then be incorporated into the IRWM Plan during Task 3-6.

5. *Coordination* – Section 1 of the Draft IRWM Plan describes the state, federal, and local agencies that participate in water management in the Region. The Coordination standard will be fully met through expansion of the stakeholder outreach process (Task 1), wherein the RWMG coordinates with state, federal, and local agencies and organizations during the planning process. The RWMG will also work closely with USGS, USBR, USEPA, USACE, and DWR during development of the regional water resources plans (Task 2) which will form the technical foundation of the IRWM Plan. Section 1 of the draft IRWM Plan will then be expanded to better describe these coordination efforts during Task 3-6.

Task 3-6 in the Proposal Budget (Attachment 4) includes total hours that will be allocated toward completing each of the IRWM chapters described in Table 3-2. The Proposal clearly states that the sections mentioned by DWR will in fact be addressed and completed by the Region, that the Region understands DWR requirements, and is committed to completing a standards-compliant IRWM Plan:

“As part of the IRWM Plan development process, the RWMG will document how the IRWM Plan meets State goals and priorities. The IRWM Plan will contain a clear description outlining the location of all content as required by DWR’s IRWM Plan Guidelines.” (ABD Work Plan, page 38)

The ABD IRWM Region is committed to honoring DWR’s requirements to produce a standards-compliant IRWM Plan, and is also committed to honoring important regional issues and ensuring that those issues are incorporated not only into a standards-compliant IRWM Plan, but also into an IRWM Plan that contains implementable planning that is meaningful to the Region. The Proposal was vetted through multiple stakeholder meetings, and the RWMG is confident that the work items included within the Proposal will allow the Region to complete a standards-compliant plan that is acceptable to DWR and to the Region’s stakeholders.

**DWR Comment 2:**

“It is not clear how the stakeholders will provide input directly to the RWMG when they appear to have separate meetings (Tasks 1-2.1 and 1-2.2).”

**Response to Comment 2:**

Comment 3 appears to reflect a failure on DWR’s part to acknowledge best practices for managing regional planning and stakeholder outreach that have been proven in IRWM regions throughout the State.

The Proposal describes the three RWMG agencies within the region: Borrego Water District, County of San Diego, and Resource Conservation District of San Diego County (ABD Work Plan, page 3). All mentions of the RWMG, as an entity that administers the program, include all three agencies. It is important that the RWMG hold separate meetings (ABD Work Plan, Task 1-2.1) to discuss administration and financing of the IRWM program and other issues that may arise. While the ABD Region is somewhat new to the IRWM planning process, the ABD region is familiar with a number of other IRWM regions that hold separate RWMG and stakeholder meetings. This is a common

practice in IRWM planning. We do not believe that the scoring should reflect a bias on DWR's part that the ABD IRWM Region should be penalized for upholding a practice common to other IRWM regions in the State.

The Proposal lists all of the identified stakeholders within the ABD region; those currently participating in the Stakeholders Committee are shown in italics (ABD Work Plan, page 11, Table 3-1). Table 3-1 shows that the RWMG members will be present at Stakeholders Committee meetings, and will therefore be able to receive input from stakeholders as the IRWM Plan is developed. All of the RWMG agencies participated in Stakeholders Committee meetings that were held to develop the Proposal. The Proposal states:

“As such key topics essential to IRWM planning in the Region are developed, the Stakeholders Committee will be asked to provide input and feedback to the RWMG to ensure that these important topics are vetted through the Region's stakeholders.”  
(ABD Work Plan, Task 1-2.2, page 26)

To ensure that RWMG representatives can be available to engage with stakeholders and hear their input, RWMG and Stakeholders Committee meetings will be held back-to-back, as the schedule shows them all occurring on the same day (refer to Attachment 5).

The bottom-up governance structure chart (ABD Work Plan, page 13) also shows that the Stakeholders Committee provides information and input up to the RWMG. For all of the reasons stated above, it should be clear to DWR reviewers that stakeholders will provide input directly to the RWMG during the planning process.

#### **Conclusion:**

In DWR's standard scoring criteria:

“A score of 4 points will be awarded where the criterion is fully addressed but is not supported by thorough documentation or sufficient rationale.” (DWR's 2010 Guidelines, Section V.G, standard Scoring Criteria, page 26)

The ABD IRWM Region respectfully asks DWR to reconsider the entirety of the Proposal and how our Work Plan tasks effectively support the development of a standards compliant IRWM Plan. The ABD IRWM Region requests rescoring of the Work Plan criterion to 4 points (4 points x weighting factor = 12).

#### **DAC Involvement**

##### **Inconsistent Application of DAC Scoring Criteria Among Round 2 Proposals:**

In our review of the July 2012 Round 2 Planning Grant Draft Funding Recommendations table, we noticed that two IRWM Regions – the Upper Santa Clara River IRWM Region and the Watersheds Coalition of Ventura County IRWM Region – do not contribute to DWR's DAC funding target. In reviewing the evaluations for each of the aforementioned IRWM regions, we also noticed that these regions both received the same score for the DAC Involvement criterion as did the ABD IRWM Region (6 points). Considering the magnitude of DACs within the ABD IRWM Region, and the amount of outreach that would be provided to DACs if the ABD IRWM Region were to receive planning grant funding, we don't understand how these scores were determined.

DWR scoring criteria for the DAC Involvement category states:

“Scoring is based on the specificity and appropriateness of tasks included within the Work Plan to show how the IRWM Region will facilitate and support sustained DAC participation in the IRWM planning process. This can include specific outreach and engagement activities, work on governance, work on project selection, etc.” (PSP Table 5, page 19) (emphasis added)

The scoring evaluation for the Santa Clara River IRWM Region states (see evaluation in **Appendix B**):

“the Work Plan does not include any tasks that facilitate and support the involvement of DACs in the planning effort.” (Santa Clara River Evaluation, page 1)

Similarly, the scoring evaluation for the Watersheds Coalition of Ventura County IRWM Region states (see evaluation in **Appendix B**):

“...the Work Plan presented does not include specific tasks targeted to DACs throughout the region that support sustained involvement by DACs in the regional planning process.” (Watersheds Coalition of Ventura County Evaluation, page 1)

How can DWR provide a score of 6 points to two planning grant proposals that do not meet DWR's scoring criteria for this category? DWR requires task-specific work for the DAC Involvement criteria, and each of the aforementioned planning grant proposals, by the admission of DWR's own scoring evaluation, do not include tasks pertaining to DAC involvement.

Considering that the ABD Proposal includes a multitude of specific tasks and activities to support and facilitate DAC participation in the ABD IRWM planning process, this inconsistent application of the scoring criteria must be addressed.

**DWR Comment 3:**

“While the application states that the region meets the disadvantaged definition, the proposal seems to lack long term engagement of DACs in the planning effort. Subtask 1-1.2 “Increase and Sustain Involvement from DACs and Tribal Entities” explains that targeted outreach by phone and email will notify DACs and Tribes of meetings, and that up to four meetings will be held in DAC or tribal areas to identify major water related issues. Sub-task 1-1.2 notes that “These meetings will result in the development of text that will be incorporated into the IRWM Plan to characterize DAC and tribal communities and their water management needs.” In addition, the consultant will work with those representing DACs (although these representatives were not identified at this early stage) within the region to develop project scopes, budgets, and cost estimates for identified DAC projects to insert into the IRWM Plan. These efforts do not adequately demonstrate how the region will facilitate and support sustained DAC participation in the IRWM planning process.”

**Response to Comment 3:**

The ABD Proposal includes a clear mapping of the widespread DAC population in the Region (Work Plan Figure 3-3; also attached) and a robust DAC outreach effort in Subtask 1-1.2. The Proposal deserves a higher score for DAC involvement than it received.

The Proposal states that stakeholder engagement and participation are considered imperative to the development of a successful and meaningful IRWM Plan for the Region:

“Establishing a common understanding and support for the IRWM Plan among key stakeholders is critical to the success of the ongoing program. As the program moves forward, it will be important to do what is possible to increase stakeholder engagement through increased attendance and participation in stakeholders meetings. It will be especially important to increase outreach to stakeholders that have been previously contacted, but have not yet officially participated in the IRWM program or the Stakeholders Committee.” (ABD Work Plan, Task 1-1, page 24)

The 2000 Census data demonstrated that almost the entire ABD IRWM Region is considered a DAC. Figure 3-3 in the Proposal (ABD Work Plan page 8; also attached) clearly maps the extent of DACs, defined as those with a median household income less than \$37,994, within the Region. A very small portion of the Region, including the Majestic Pines CSD service area, is not considered a DAC; all of the rest of the ABD Region is a DAC.

Not only will outreach to engage and encourage participation of all stakeholders include DACs within this Region; but specific outreach targeted to DAC representatives (Subtask 1-1.2) will also occur. As the DWR evaluator has noted, the ABD IRWM Region will engage in activities to specifically encourage and solicit engagement among DACs. Subtask 1-1.2 (ABD Work Plan, page 24) includes targeted outreach by phone and email to notify DACs and Tribes of meetings, and up to four meetings held in DAC or tribal areas to identify major water related issues. These meetings will result in a direct contribution (text) to our standards-compliant IRWM Plan.

The Proposal further describes outreach work completed by an independent facilitator that determined stakeholder engagement in IRWM planning is feasible.

“In order to facilitate a robust stakeholder process, the DWR Regional Service Representative requested that DWR, through a separate contract with the Center for Collaborative Policy (CCP), provide facilitation services to the ABD IRWM stakeholders.” (ABD Work Plan, pages 11-12)

These outreach activities and actions have demonstrated that phone and face-to-face interviews are the best methods for engaging stakeholders and encouraging participation in the ABD IRWM process. While the DAC-related engagement efforts described in the Proposal may seem unique to the evaluator, they are considered the best method for DAC engagement within the ABD IRWM Region. DWR has worked with the ABD IRWM Region and should be aware of the unique and dispersed nature of stakeholders within the Region. The approach presented in the Proposal for DAC and stakeholder involvement is consistent with DWR’s proposed approach for engaging stakeholders in groundwater management planning, and therefore is well suited for engaging DACs in the ABD IRWM Region.

The ABD Proposal also notes:

“Those representing DACs within the Region have expressed that they lack the resources or technical capacity to develop project submittals that address those

critical needs. Without support, their participation in the IRWM process may wane over time. As such, the RWMG will work with those project sponsors to develop project scopes, budgets, and cost estimates to help ensure the DAC projects can be included in the IRWM Plan Update and future funding applications. This support includes planning and engineering services to achieve conceptual-level drawings, schematics, and cost estimates for up to 4 projects necessary to meet critical DAC needs.” (ABD Work Plan, Subtask 1-1.2, page 25)

Acknowledging that long-term engagement of DACs is difficult to attain, the Proposal brings DAC participants into this planning process and allows the region to begin a longer-term discussion of regional basin management issues and overdraft solutions. The Proposal then includes additional support for DAC project development, which will ensure that DAC needs are met with appropriate engineering solutions. The trust built among the DAC stakeholders through this planning process is what provides the incentive for longer-term engagement. As explained above, the Proposal includes both widely-used best practices for engaging DACs, as well as methods identified by the DWR’s own independent facilitator: targeted outreach meetings, individual calls/interviews, and planning/engineering support. These efforts will directly contribute to the IRWM Plan sections and will also help the region to establish a long-term relationship with representatives of DACs.

**Conclusion:**

In DWR’s standard scoring criteria:

“A score of 5 points will be awarded where the criterion is fully addressed and supported by thorough and well-presented documentation and logical rationale.” (DWR’s 2010 Guidelines, Section V.G, standard Scoring Criteria, page 26)

The ABD IRWM Region respectfully asks DWR to reconsider the entirety of the Proposal and how our Work Plan tasks effectively support the long-term engagement of DACs in the IRWM planning process. The ABD IRWM Region requests rescoring of the DAC Involvement criterion to 5 points (5 points x weighting factor = 10 points).

**Budget**

**Inconsistent Application of Budget Scoring Criterion Between Rounds 1 and 2:**

In our review of the Round 1 and Round 2 Planning Grant evaluations associated with the Budget, there appears to be inconsistency in the application of DWR’s scoring criteria. We recognize that the Round 1 and Round 2 scoring criteria differed slightly, as presented below.

*Round 1:* “Scoring is based on the level of completeness and detail provided within the budget, whether or not the budget matches the work plan and Schedule, and on the administrative costs associated with running the project.” (Round 1 Planning Grant PSP, Table 5, page 18)

*Round 2:* “Scoring is based on completeness and specificity of the Budget items, the degree to which each cost is reasonable and provided with appropriate supporting documentation, the degree to which the Budget is consistent with the Work Plan and Schedule. Is the basis of estimate presented for budget items reasonable and

logical? Is the Budget consistent with the Work Plan and Schedule?" (Round 2 Planning Grant PSP, Table 5, page 19)

Although there are minor differences in scoring criteria between Round 1 and Round 2, the manner in which DWR scored the ABD Proposal's Budget appears inconsistent. **Appendix C** contains the budgets from the Round 1 Planning Grant process for the ABD Region, the Coachella Valley, and San Diego IRWM Regions which were all made publically available by DWR. **Appendix D** includes the ABD Budget from the Round 2 Planning Grant process for comparison purposes. Based on our understanding that DWR considered all three of the Round 1 attachments as excellent Budgets (all earned the maximum 10 points), the ABD Proposal's Budget is laid out in a similar manner with similar assumptions, although the ABD Budget has more detail and specificities that describe, in detail, the way in which the budget was calculated.

How can DWR score ABD's Round 2 Proposal so harshly when only minor changes were made to the scoring criteria and past examples provided by DWR (include ABD's own Round 1 Budget) are far less detailed? The ABD Proposal was written to reflect the additional considerations added to the scoring criteria in Round 2, but was at the same time based upon highly successful budget formats used in previous grant application rounds. This is a reasonable approach given that DWR's scoring process has remained relatively consistent since Proposition 50. If DWR would like specific additional information, such requirements should be made clear. This will prevent regions such as the ABD IRWM Region from relying on references that are no longer accurate.

**Inconsistent Application of Budget Scoring Criterion Among Round 2 Proposals:**

As explained previously, our review of the July 2012 Round 2 Planning Grant Draft Funding Recommendations table led us to review the publically available planning grant proposal for the Upper Santa Clara River IRWM Region. Both the ABD IRWM Region and the Santa Clara River IRWM Region scored 6 points in the Budget category. For comparison purposes, each of the budgets is included in **Appendix D**. In general, we are concerned that the DWR evaluation for the Santa Clara River IRWM Region notes very serious issues with the budget, including the following:

- the requested grant amount exceeds the maximum allowable amount,
- the amount requested for Task 4 is not included in the grand total on the Budget Summary Table,
- the use of staff names rather than classifications in budget estimates prevents reviewer evaluation of estimate reasonableness,
- the basis and justification of the lump sums were not provided, and
- there was no information about how costs associated with several tasks were derived.

In contrast, the ABD Region's Budget was criticized for minor issues including inflated consultant rates and inadequate justification for various billing categories.

How can DWR give the same score to such vastly different proposals? The difference in level of detail and specificity between the two budgets contained within Appendix D is

apparent and highly discouraging. As discussed below, the ABD Region respectfully requests that DWR reconsider the ABD Budget in light of the established scoring criteria in the Guidelines and PSP.

**DWR Comment 4:**

“The criterion is less than fully addressed and documentation is incomplete. The Budget states in all categories that the hourly costs are inflated to include all costs for producing deliverables, without supporting documentation to demonstrate the basis for the estimate. The consultant team includes both a Project Manager and a Project Planner, without any explanation as to the duties associated with the roles, making it difficult to ascertain if the costs are reasonable.”

**Response to Comment 4:**

As the DWR evaluator noted, the ABD Proposal clearly acknowledges that the hourly costs are inflated to include all costs for producing deliverables, rather than including printing costs in the budget directly.

“The costs for producing deliverables are factored into the hourly costs for the consultant team anticipated to complete this work.” (ABD Budget, Task 3-6, page 20)

Consulting firms often produce deliverables using in-house word processing and graphics staff, along with in-house printing equipment, under overhead rather than trying to estimate per-page costs for client billing. The Proposal estimate, provided to the ABD IRWM Region by a consultant, includes this common practice.

Further, the Planning Grant PSP does not require an explanation of duties for each of the RWMG or technical team proposed to complete each task; rather, it requires:

“supporting information for the budget such as labor categories, hourly rates, labor time estimates, and subcontractor quotes. The subcontractor quotes should also include information supporting the quotes, such as hourly rates and the number of hours required to perform each included task.” (Round 2 Planning Grant PSP, page 17) (emphasis added)

The ABD Proposal’s Budget provides all of these items for DWR’s review and consideration (please refer to **Appendix D**), broken out by task and subtask.

Consulting firms often staff IRWM planning projects using a more senior Project Manager to guide development of deliverables and a supporting Project Planner as the primary author on those deliverables. The ABD IRWM Region is familiar with many other IRWM regions that use the approach of a Project Manager and Project Planner to develop IRWM Plans. This is a reasonable estimation on behalf of the ABD IRWM Region, and we do not believe should constitute a reduction in points to the Proposal.

**Conclusion:**

In DWR’s standard scoring criteria:

“A score of 5 points will be awarded where the criterion is fully addressed and supported by thorough and well-presented documentation and logical rationale.” (DWR’s 2010 Guidelines, Section V.G, standard Scoring Criteria, page 26)

The ABD IRWM Region respectfully asks DWR to reconsider how our Budget fully documents the basis of estimate for each budget item in clear budget breakdown tables for each task. The ABD IRWM Region requests rescoring of the Budget criterion to 5 points (5 points x weighting factor = 10 points).

### **Program Preferences**

#### **DWR Comment 6:**

The Proposal sufficiently demonstrates that 7 of the 15 preferences will be met.

#### ***Response to Comment 6:***

In Attachment 6, we articulate how the Proposal will contribute to the attainment of 13 Program Preferences. DWR staff has acknowledged that the ABD Proposal does demonstrate that it will meet the following 7 Program Preferences:

- 1) Include regional projects or programs,
- 2) Effectively integrate water management programs and projects within hydrologic region,
- 3) Address critical water supply or water quality needs of disadvantaged communities,
- 4) Effectively integrate water management with land use planning,
- 5) Climate change response actions,
- 6) Expand environmental stewardship, and
- 7) Protect surface water and groundwater quality.

The ABD RWMG would like DWR to further consider that the Proposal also contributes to the following 3 additional Program Preferences:

- 8) *Conflict resolution* – The discussion of the Borrego Valley Groundwater Basin in the ABD Proposal describes the severe overdraft condition of the basin, stakeholder’s concerns about its long-term viability, and the fact that stakeholders are in conflict about how to resolve this critical issue.

“According to recent modeling by the U.S. Geological Survey (USGS), if present overdraft levels continue unabated there may be only 50-years until the Upper Aquifer is dewatered. There is concern groundwater availability and quality may deem the Borrego Valley’s lower groundwater aquifers unusable from an economic standpoint... Despite the potentially dire situation of the Region’s main water supply source, the Region has not yet reached consensus regarding the status of the Region’s groundwater basins.” (ABD Work Plan, page 16)

The IRWM planning process will help regional stakeholders to better understand groundwater conditions and associated land subsidence (ABD Work Plan, Task 2-1, page 27); develop management alternatives and funding mechanisms (ABD Work Plan, Task 2-2, page 30); and assess groundwater quality impacts of dewatering (ABD Work Plan, Task 2-3, page 32). These studies are necessary to

resolve long-standing conflicts between with various ABD Region stakeholders about the overdraft condition.

- 9) *Drought preparedness* – In DWR’s Guidelines, one of the examples of drought preparedness outcomes is “efficient groundwater basin management” (DWR Guidelines, Table 1, page 13). The ABD Proposal clearly states that the groundwater basin is in overdraft and that sustainable basin management is the most important issue being addressed in the IRWM planning process.

“Since groundwater within the Upper Aquifer is likely the most economically and technically feasible existing water resource for the area, it is imperative that this water resource is appropriately and sustainably managed now, especially given that this resource likely has less than 50 years of availability at current withdrawal rates according to the most recent USGS work (see Task 2.1 below).” (ABD Work Plan, page 16)

The IRWM planning process will help regional stakeholders to better understand groundwater conditions and associated land subsidence (ABD Work Plan, Task 2-1, page 27) and develop management alternatives and funding mechanisms (ABD Work Plan, Task 2-2, page 30). Better management of the groundwater basin will facilitate the future availability of groundwater supplies in the case of a long-term drought.

- 10) *Water quality protection* – Task 2-3 in the ABD Proposal specifically addresses groundwater quality protection for the Region’s population.

“the purpose of Task 2-3 is to develop forecasts that analyze potential water quality impacts and their relative economic and environmental integrity impacts that may arise due to the lowering of the Region’s groundwater tables (dewatering).

The IRWM planning process will provide the Region’s stakeholders with the tools necessary to ensure that groundwater quality is protected and maintained.

### **Conclusion:**

In DWR’s supplemental scoring criteria:

“One half point will be awarded for each of the Program Preferences that will be met in the IRWM Plan, up to a maximum of 5 points.” (Round 2 Planning Grant PSP, Table 5, page 19)

The ABD IRWM Region respectfully asks DWR to reconsider how our Proposal contributes to the three additional Program Preferences described above. The ABD IRWM Region requests rescoring of the Program Preferences criterion to 5 points (0.5 points x 10 Program Preferences = 5 points).

### **Tie Breaker Points**

In our review of the July 2012 Round 2 Planning Grant Draft Funding Recommendations table, we noticed that DWR did not award tie breaker points (up to 5 points available) to any proposal. The DWR scoring standard for this criterion states:

“These points may be applied in cases where applications have a tied score. Tie breaker points will be added to proposal scores for regional proposals from IRWM planning efforts that have not yet received Proposition 84 IRWM Planning Grant funding or interregional proposals over applicants that already have a Round 1 IRWM Planning Grant award. These points will be assigned by the Selection Panel after consensus technical reviews are complete.” (Round 2 Planning Grant PSP, Table 5, page 21) (emphasis added)

Given that the ABD IRWM Region does not have an adopted IRWM Plan and has never received IRWM Grant Program funding – neither from Proposition 50 nor from Proposition 84 – the Region would clearly be potentially eligible to receive tie breaker points. In addition, the presence of widespread DACs within the ABD IRWM Region and the fact that our Region has critical water supply and water quality issues, provide a clear impetus for including the ABD IRWM Region within the funding awards.

If DWR re-scores any portion of the ABD IRWM Region’s Proposal, resulting in tied points with another application, we request that DWR apply the 5 tie breaker points accordingly in respect of the scoring criteria outlined above.

### **General Conclusion and Questions Regarding the ABD Round 2 Proposal and Evaluation Comments**

In our review of ABD’s Round 2 Proposal Evaluation score and comments compared to ABD’s Round 1 Proposal Evaluation and score, as well as reviewing in depth successful proposals for Round 2, their scores, and evaluations, we are concerned that the scoring and evaluation of ABD’s Round 2 Proposal may have been influenced by considerations external to the merits of the proposal.

Whether such external considerations are related to regional population or the potential challenges of arriving at a viable plan to address the severe overdraft of the Borrego Valley Basin, we wish to encourage DWR that the water management issues faced by this region are important for the economic and environmental well-being of the wider southern California region and should not be treated as a “sacrifice zone” for underinvestment.

For example, the Anza-Borrego Desert State Park (ABDSP), based on the California Department of Parks and Recreation’s own economic research, contributes between \$40 million and \$50 million annually to the region.<sup>1</sup> Over a 30-year period, this amounts to a nominal cash contribution to the economy of southern California of approximately \$1.2 billion.

The gateways for the visitation that generates this annual regional cash flow are the communities in the ABD IRWM Region. For example, a sustainable water supply for Borrego Springs is an important and critical variable determining the economic

---

<sup>1</sup> Anza-Borrego is the largest State Park in California (and second largest in the United States) and includes 12 designated wilderness areas. Approximately 500,000 to one million people visit the park each year, providing significant economic benefits for the surrounding communities. See “California Outdoor Recreation Economic Study: Statewide Contributions and Benefits” (2011).

contribution of the ABDSP to southern California as Borrego serves as one of the major visitation gateways to the ABDSP.

Our understanding is that DWR's recommendation for no Round 2 Planning Grant funding makes the ABD region one of only two IRWM regions in the State who applied for and did not receive planning grants in both rounds.

As a Region with widespread DACs, this raises serious issues for the ABD Region to pursue a standards-compliant IRWM Plan in the hopes of ever applying for and receiving a Round 2 or 3 Implementation Grant award. How does DWR imagine that effective regional planning could be achieved in resource-limited region? For all of these reasons, we implore DWR to consider revising the scoring of the ABD Proposal on its merits and then let us discuss how DWR believes that it may assist this DAC-designated Region to address its water management problems for the benefit of the entire southern California economy.

Thank you again for the opportunity to provide comments on the ABD IRWM Planning Grant Proposal and DWR's scoring of the Proposal. The IRWM planning process is necessary for the ABD IRWM Region to address key regional issues and ensure stakeholder involvement throughout the Region. We are confident that the issues outlined above can be easily reviewed and that the Proposal can be re-scored by DWR.

Sincerely,



Jerry Rolwing

Chair, Anza-Borrego Desert Regional Water Management Group

Cc: Ms. Tracie Billington, Chief of Financial Assistance Branch  
Ms. Anna Aljabiry, IRWM Region Contact  
Mr. Brian Moniz, Southern Regional Office  
Ms. Marty Leavitt, Resource Conservation District of Greater San Diego County  
Mr. Jim Bennett, County of San Diego Department of Planning and land Use

**IRWM Round 2 Planning Grant  
Draft Funding Recommendation  
Public Meeting**

August 15, 2012  
CalEPA Building, Sacramento  
Department of Water Resources



---

---

---

---

---

---

---

---

**Room Briefing**

- Facilities
- State Board
- Please look around now and identify two exits closest to you. In some cases, an exit may be behind you. In the event of a fire alarm, we are required to evacuate this room. Please take your valuables with you and do not use the elevators. While staff will endeavor to assist you to the nearest exit, you should also know that you may find an exit door by following the ceiling mounted exit signs. Evacuees will exit down the stairways and possibly to a relocation site across the street. If you cannot use stairs, you will be directed to a protective vestibule inside a stairwell. Should we have to relocate out of the building, please obey all traffic signals and exercise caution crossing the street.

---

---

---

---

---

---

---

---

**Purpose**

- Provide Information about the Draft Funding Recommendations
- Receive Comments on Draft Funding Recommendations

---

---

---

---

---

---

---

---

### Web Broadcast

- Participating via the web for today's meeting:
  - Questions and Comments – email [DWR\\_IRWM@water.ca.gov](mailto:DWR_IRWM@water.ca.gov)
  - If you are submitting a comment and would like it read out loud please indicate so in your email.

---

---

---

---

---

---

---

---

### Agenda

- Introductions
- Presentation
- Questions
- Comments

---

---

---

---

---

---

---

---

### Submitted Applications

- 22 Applications
- \$13,315,796 in grant request
- \$8,953,048 available

---

---

---

---

---

---

---

---

### Application Review

- 3 Technical Reviewers
  - DWR Region Offices, Regional Boards, DWR HQ
- Consensus
- Senior Review
- Selection Panel

---

---

---

---

---

---

---

---

### Preliminary Funding Rec

- Posted on July 29, 2012
  - [http://www.water.ca.gov/inwm/integregio\\_planning.cfm](http://www.water.ca.gov/inwm/integregio_planning.cfm)
- Fund 15 applications
  - Applications scoring 33 or more points
  - 68% of applicants
  - 1 interregional proposal
  - Includes 4 partially funded
- No tie breaker points used

---

---

---

---

---

---

---

---



---

---

---

---

---

---

---

---

### DAC Funding Target

- SB2x-1 appropriation
  - \$39M for Planning and Local Groundwater Assistance grants
    - 10% for Disadvantage Community (DAC) participation
  - DWR split appropriation
    - \$30M for IRWM planning – can apply DAC funding target
    - \$9M for Local Groundwater Assistance grants

Program	Prior Round	Current Round
Planning	\$21M	\$9M
LGA	\$4.3M	\$4.7M

---

---

---

---

---

---

---

---

### DAC Funding Target

- Round 1 Award \$21,046,592 to 30 Regions
- Grant funds toward target, Rnd 1 Award = \$1,751,030
  - Remaining DAC balance = \$2,148,970 (Rnd 2 PSP)
  - Total DAC commitments in Rnd 1 agreements = \$2,691,421
- Revised remaining obligation for Rnd 2 = \$1,208,579
- Rnd 2 estimated funding target contributions = \$1,183,342
- Short of Funding Target by \$25,237

---

---

---

---

---

---

---

---

### DAC Funding Target

- Asking to verify numbers as Commitment Letter response.
- All grant awards contingent on meeting overall funding target.
  - Grant funds toward funding target called out in agreement

---

---

---

---

---

---

---

---

**DAC Funding Target**

- Grant \$ toward any activity that facilitate and support the participation of DACs in IRWM Planning count toward funding target
  - Working with DAC directly
    - Understanding DAC water management needs
    - Outreach, education, capacity building
  - Working on IRWM functions/process/structure (indirect)
    - Policy, process, or structure supporting DAC participation
    - Access

---

---

---

---

---

---

---

---

**Wrap up info**

- Public Comment Period closes August 24, 5pm
- Please separate comments on the Planning Grant recommendations and 2012 GL & Round 2 Stormwater and Implementation Grant PSPs so we can easily identify which comments go where.
- Final recommendations late Sept/early Oct.
- Debrief of Application
  - Please schedule an appointment.

---

---

---

---

---

---

---

---

**Preliminary Funding Recs**

QUESTIONS?

[DWR\\_IRWM@water.ca.gov](mailto:DWR_IRWM@water.ca.gov)

---

---

---

---

---

---

---

---

**Comments**

\* Prefer MS word compatible files emailed to  
DWR\_IRWM@water.ca.gov

**Standard Mail:**  
Department of Water Resources  
DIRWM, Financial Assistance Branch  
PO BOX 942836  
Sacramento, CA 94236-0001  
Attention: Joe Yun

**Hand Deliver:**  
Department of Water Resources  
DIRWM, Financial Assistance Branch  
901 P Street  
Sacramento, CA 95814  
Attention: Joe Yun

---

---

---

---

---

---

---

---

DATE: August 23, 2012

TO: Board of Directors

FROM: Jerry Rolwing

RE: Changing Fees for New Development and New Meter Installations

The fees charged for new development and new meter installation fees have not changed in the past ten years. It is imperative that these charges be reviewed every five years to keep up with inflation and the rising costs associated with the actual costs of installation.

Presently, new development is charged a "capacity fee" of \$1,500/EDU (equivalent dwelling unit) plus the developer must pay all costs pertaining to the actual installation of new infrastructure required for the particular project. Capacity fees are dedicated to increasing the existing "common" infrastructure facilities to accommodate the new water use. It is unknown how this present number was formulated by the previous District Engineers. The proposed "capacity fee" has been calculated by dividing the total water system asset (\$11,041,479.26 - as of June 30, 2012) by the total existing water meters utilizing the American Water Works Association (AWWA) meter sizing factors. This equates to \$2,459.24 but for simplicity, it would be appropriate to make the fee an even number of \$2,500/EDU.

Applying the same metering factor to new installations would result as follows:

3/4" meter	x 1.5 meter factor	= \$3,750
1" meter	x 2.5 meter factor	= \$6,250
1-1/2" meter	x 3.3 meter factor	= \$8,250
2" meter	x 5 meter factor	= \$12,500
3" meter	x 15 meter factor	= \$37,500
4" meter	x 32 meter factor	= \$80,000
6" meter	x 85 meter factor	= \$145,000

**Historically, we have utilized the following calculations for EDU breakdowns.**

Single Family Residence =	1.0 EDU
Mobile Home (in a park) =	0.5 EDU
Recreational Vehicle (in a park) =	0.25 EDU

These ratios were based on overall housing footprint (property size, human capacity, etc.). A mobile (manufactured or modular) installed on a lot designed for a single family residence is considered a single family residence due to the lot size and potential of developing extensive landscaping. Units installed in a designated mobile home park are situated on small lots where the landscaping potential is significantly less.

New commercial projects will need to be reviewed in a case-by-case basis. There are too many factors to apply a general fee schedule to these types of installation. Historically, an engineering deposit is required to recoup District funds expended. The amount of deposit will vary depending on the scope of the project but a minimum fee of \$2,500 would be appropriate.

## **New Meter Installations on Existing Lots in BWD Service Areas**

Presently there are approximately 2,100 undeveloped lots that could be served with water service from existing infrastructure. Areas of the District have been charged different amounts due to historical agreements as follows:

ID-1 (Rams Hill): The capacity fee has been paid and service laterals installed for new meters on the existing lots. Currently we charge \$640 for a 3/4" and \$735 for a 1" meter service. This covers a \$340 "turn-on" fee, the meter, meter box, customer shut off valve and the labor to install the new meter. One customer was granted a 2" residential meter by the Board in 1999 all other residential meters are either 3/4" or 1". New sewer connections are charged \$200 plus a \$50/EDU inspection fee. Monthly sewer fees are \$26.75.

ID-2: The Town Center Sewer serves the downtown area along Palm Canyon Drive from Palm Canyon Resort to the Elementary School. Also included is the La Casa del Zorro (aka Borrego Ranch) Resort. There are 1000 EDU's assigned to this system of which 316 are being used (user) and 773 are being held for future use (holder). The District has 226 EDU's available for sale at a price set by the Board of \$3,040. Holders may sell their EDU's at negotiated prices with willing buyers. The District occasionally surveys the holders to see if EDU's are available for private sales. "Holder" monthly fees \$19.42 and once they become also a "user", the fee increases by \$10. These fees are set by contract but can be adjusted to operating costs and a vote by all holders.

ID-3 and 4: Water mains in these areas are normally located in the shoulder of the road, in the right-of-way, yet off of the pavement. The new meter charge in these areas depends on the location of the new service to the existing water main. New meters located on the same side of the street as the water main require a "short lateral" and those across the street a "long lateral". Certain areas of the District where the water main is located in the paved street classify as a "long lateral". The maintenance crew utilizes a boring device called a "Grundomat" to feed the new service lateral under the pavement on long laterals which is more labor intensive but does not require re-paving after an installation. The current fees are \$4,040 for a 3/4" short lateral, \$4,165 for a 1" short lateral, \$5,440 for a 3/4" long lateral and \$5,565 for a 1" long lateral. The breakdown of these fees are \$2,530 connection fee, \$340 turn-on fee, either \$500 for short lateral or \$1,900 for a long lateral and either \$70 for a 3/4" customer shut-off valve or \$95 for a 1" customer shut-off valve. Customer shut-off valves are an important feature and we also provide them to existing customers for the cost of the part, no labor charge. The customer shut-off saves us money, and possibly the customer, in the long run. When not installed, the customer is tempted to turn-off the District angle meter stop (forbidden by the administration code) or contact the "duty operator" to turn off and turn back on after plumbing/irrigation repairs are complete. If the angle meter stop is compromised, the water main has to be excavated and the customer can be charged for the repairs. After hours duty operator "call outs" are costly to the District in overtime expense. Many water Districts found cost savings by installing the customer shut-off valve free of charge but we found it more prudent to only charge for the part and install the valve free of charge.

ID-5: This area is the old Borrego Springs Park Community Services District area of Club Circle and the Borrego Springs Resort. As part of the consolidation agreement, we are required to charge \$3,000 each, for new water and new sewer service. This money is returned to the developer, Cameron Brothers Construction Co. as per the agreement. Our rate sheet reflects a charge of \$3,500 for new water service; however, no analysis was performed in setting this rate. The service laterals on Foresome Drive were installed with poly vinyl pipe which have proven to be substandard in our desert conditions. New

service requires the removal of this pipe and replaced with copper service laterals which are charged on a "time and material" basis. Only one connection has been made since the consolidation of the two districts.

#### **New Sewer Connections on Proposed New Subdivisions:**

Using the same formula as water, dividing sewer assets (\$5,505,105.59) by existing EDU's (689) equates to \$7,989.99 or for our purposes, \$8,000/EDU. Any proposed development will have to complete an analysis of increased flow to the Ram Hill Wastewater Treatment Plant (RHWWTP) except the remaining undeveloped lots in the Rams Hill community who built the facility. Town Center Sewer EDU "holders" have also been worked into the RHWWTP expansion calculations through the costs outlined in the Town Center Sewer Agreement. Sewer customers in ID-5 will have to pay \$3,000 to reimburse Cameron Bros. Construction Co. Unplatted lots in ID-5 will have to go through the permit process and associated engineering study for RMWWTP capacity issues. One issue that needs addressing are the sewer rates for ID-5 which are almost double the other areas. The monthly rates are listed as follows:

ID-1; \$26.75/mo. plus portion of \$66/parcel availability fee collected through the annual property taxes  
Connection fee of \$200 plus \$50/EDU inspection fee

ID-2; \$19.42 (holder) plus \$10 (user) totaling \$29.42/mo.  
Connection fee is \$712.80 per EDU plus \$50/EDU inspection fee

ID-5; \$49.92/mo.  
Connection fee paid to Cameron Bros. is \$3,000 per EDU. There are no District fees associated with new connections in ID-5.

Both ID-2 and ID-5 require lifting the effluent from the newly built Lift Station (\$680K in 2011) on Borrego Valley Rd to the RMWWTP.

The sewer element needs more engineering studies to determine the appropriate rate for ID-5 and new connection fees beyond the reimbursement to Cameron Bros. A study is also eventually needed to evaluate at what point the RHWWTP can generate reclaimed water supply and where the reclaimed water can be utilized if the Rams Hill Golf course is not in operation.

#### **Water Credit Policy**

The Water Credit Policy was first established as a 3:1 groundwater mitigation in 2005. In 2007 the 3:1 was reduced to a 2:1 with the premise that one would satisfy the County of San Diego requirements and one for the Borrego Water District. As we move closer to combining the two programs (County and District) the concept of reducing the program once again to a 1:1 would simplify the confusion between the programs. Just as the 3:1 was deemed "punitive" recent Board presentations reveal the same for the 2:1. The County of San Diego has assured the District that the proposed amendment to the County Groundwater Ordinance and associated MOU (memorandum of understanding) will be returned to the District shortly. The reduction from a 2:1 to a 1:1 will be more palatable for encouraging new development for the community. The 1:1 groundwater mitigation will achieve the County's goal of "no net gain" on the overdraft.

**The Proposed Structure for New Development**

**Subdivisions:**

"Will Serve" Letter - first step in County permitting process	\$50/Letter
"Will Serve" Conditions Letter - outlining system requirements	\$2,500 + engineering deposit
Engineering Plan Review	\$5,000 engineering deposit
Final:	Water Credit & Capacity Fees
One water credit per EDU	
\$2,500/EDU plus metering factor, may be paid by Phase	

**Commercial:**

Case-by-case basis on fixture unit count and approved landscaping plan

**New Water Service on Existing Platted Lot in ID-1:**

One Water Credit (1.5 if includes guest house)  
Landscaping Plan Approval/commitment to 0.33 AFY or less usage (?)  
\$340 Turn-on Fee  
Plus \$ (actual cost of parts and labor calc by Greg)

**New Water Service on Existing Platted Lot in ID 3 or ID-4:**

One Water Credit  
Landscaping Plan Approval/commitment to 0.33 AFY or less usage (?)  
Capacity fee (\$2,500) with metering factor:  
3/4" meter     x 1.5 meter factor     = \$3,750  
1" meter       x 2.5 meter factor     = \$6,250  
Plus \$340 Turn-on Fee  
Plus \$ (actual cost of parts and labor calc by Greg)

**New Water Service on Existing Platted Lot in ID-5:**

One Water Credit  
Water Reimbursement to Cameron \$3,000  
Landscaping Plan Approval/commitment to 0.33 AFY or less usage (?)  
\$340 Turn-on Fee  
Plus \$ (actual cost of parts and labor calc by Greg)  
Poly Vinyl lateral replacement (parts and labor)

**May 2012**

\$ 5,505,105.59	sewer assets	
\$ 10,889,780.24	water assets	
\$ 151,699.02	pipelines, wells and tanks	
\$ 11,041,479.26	water total assets	
2124	water meters	751 Indirect
689	sewer accounts	
\$ 7,989.99	Sewer Asset \$/sewer accounts	

Indirect includes residential meters in mobile home parks, apts, etc.

**Water Asset \$/water meter**

\$ 5,198.44	By customer totals
\$ 3,840.51	By customer totals and indirect customers
\$ 2,459.24	By EDU Count (AWWA meter factors)

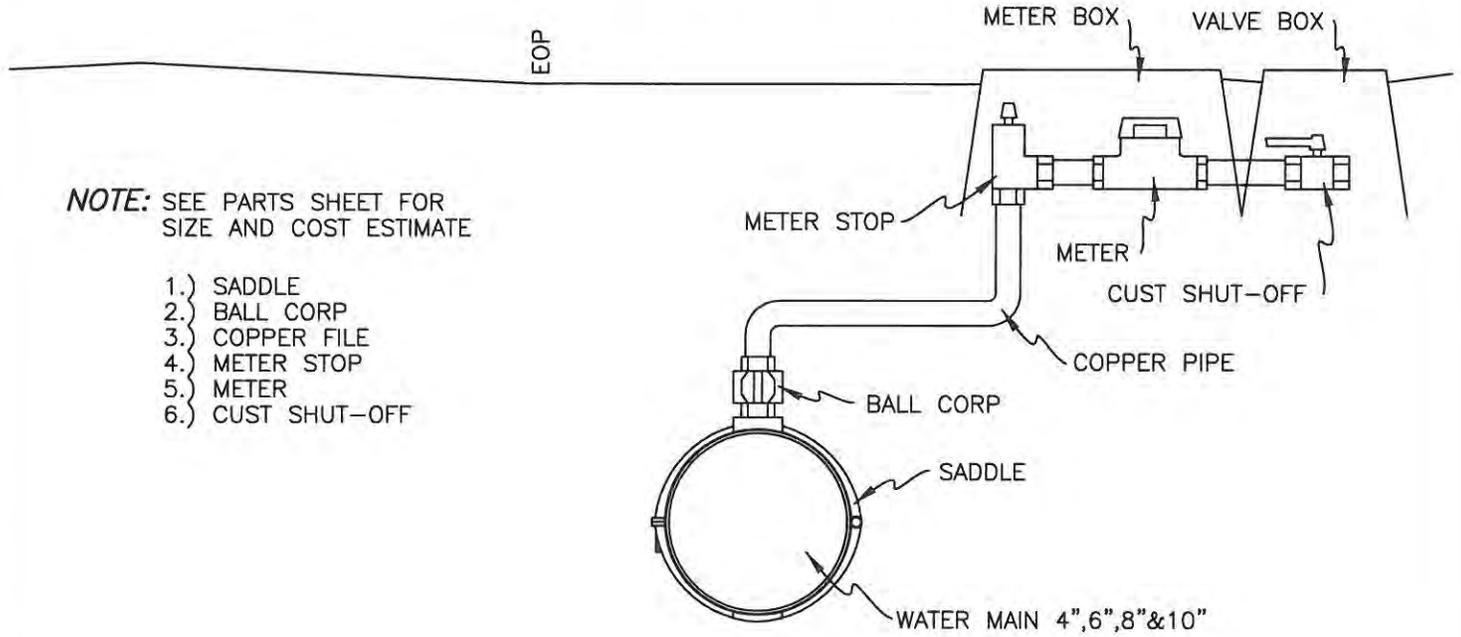
**METER COUNT**

Meter Size	MU	PA	IR	CM	R	GC	Total
5/8				2	1		3
3/4	4	10	3	63	1419		1499
1	2	12	12	29	444		499
1-1/2	16	5	36	9	10		76
2	1	6	9	7	8		31
3		1		2			3
4	2	1		2	1		6
6	3			3			6
8							
10						1	
<b>Total</b>	<b>28</b>	<b>35</b>	<b>60</b>	<b>117</b>	<b>1883</b>	<b>1</b>	<b>2124</b>



# TYPICAL METER INSTALLATION

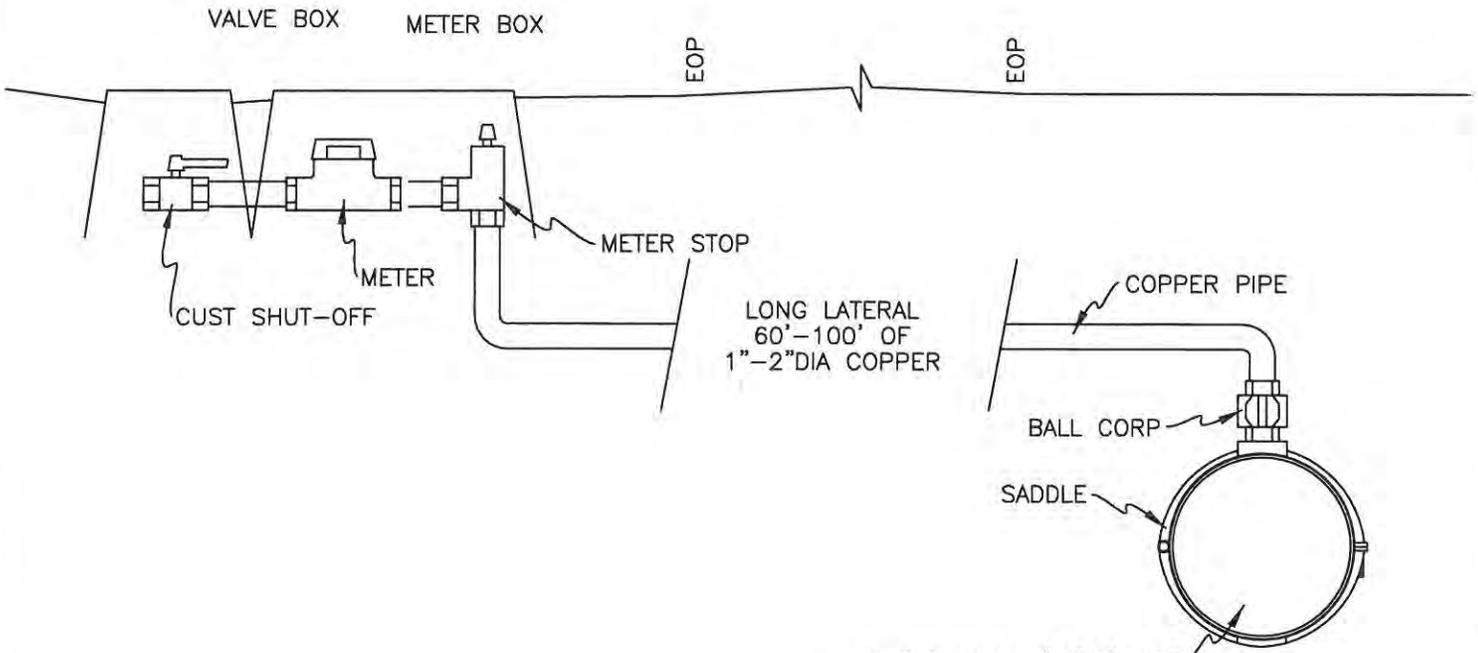
## SHORT LATERAL



**NOTE:** SEE PARTS SHEET FOR SIZE AND COST ESTIMATE

- 1.) SADDLE
- 2.) BALL CORP
- 3.) COPPER FILE
- 4.) METER STOP
- 5.) METER
- 6.) CUST SHUT-OFF

## LONG LATERAL



**NEW METER INSTALLATION  
SIZE AND COST SHEET 1**

**1.)SADDLE**

PART #	SIZE	PRICE	DESCRIPTION	PART #	SIZE	PRICE	DESCRIPTION
1312	1"x4"	\$ 85.00	202b d/s saddle				
1315	1"x6"	\$ 102.00	101b s/s saddle	1435	1"	\$ 92.00	mip/mip corp stop
	1"x8"	\$ 126.00	202b d/s saddle				
1320	1"x10"	\$ 130.00	202b d/s saddle				
1323	1 1/2"x4"	\$ 100.00	202bd/s saddle	1405	1 1/2"	\$ 170.00	mip/cts/corp stop
1324	1 1/2"x6"	\$ 115.00	202b d/s saddle				
	1 1/2"x8"	\$ 132.00	202b d/s saddle				
	1 1/2"x10"	\$ 170.00	202b d/s saddle				
1311	2"x4"	\$ 109.00	202b d/s saddle	1412	2"	\$ 237.00	fip/fip ; pp#6101w-2
1313	2"x6"	\$ 127.00	202b d/s saddle	1406	2"	\$ 216.00	mip/mip comp
1314	2"x8"	\$ 143.00	202b d/s saddle				
1325	2"x10"	\$ 182.00	202b d/s saddle				

**2.)BALL CORP**

**3.)COPPER PIPE**

PART #	SIZE	PRICE	DESCRIPTION	PART #	SIZE	PRICE	DESCRIPTION
	3/4"	\$4.30 LF	hard (copper pipe)	1402	3/4"x1"	\$ 89.00	cts/comp/ams
	3/4"	\$4.91 LF	soft (copper pipe)	1434	3/4"x1"	\$ 81.00	pp#b13-342
				1418	3/4"	\$ 61.00	fip/fip/sms
	1"	\$6.35 LF	hard				
	1"	\$6.46 LF	soft	1401	1"	\$ 110.00	cts comp ams
				1419	1"	\$ 91.00	fip/fip/sms
	1.5"	\$10.07LF	hard		1"		
	1.5"	\$10.77LF	soft				
				1420	1 1/2"	\$ 255.00	cts comp ams
	2"	\$15.62LF	hard		1 1/2"	\$ 255.00	fip/fip/sms
	2"	\$17.24LF	soft				
					2"	\$ 325.00	cts comp ams
					2"	\$ 261.00	fip/sms

**4.)METER STOP**

**NEW METER INSTALLATION  
SIZE AND COST SHEET 2**

**5.)METER**

PART #	SIZE	PRICE	DESCRIPTION	PART #	SIZE	PRICE	DESCRIPTION
1500	3/4"	\$ 101.00	water meter	1431	3/4"	\$ 56.00	fip/fip ball valve lockable handle
1501	1"	\$ 177.00	water meter	1432	1"	\$ 96.00	fip/mnut ball valve lockable handle
1502	1 1/2"	\$ 646.00	water meter	1433	1"	\$ 86.00	fip/fip ball valve lockable handle
1503	2"	\$ 1,063.00	water meter		1"	\$ 400.00	backflow/parts
					1"	\$ 250.00	backflow/labor
1414	1 1/2"	\$ 84.00	(2)mtr flange/\$42ea.				
1417	1 1/2"	\$ 8.00	(2) gasket\$/4ea.	1 1/2"	\$ 682.00	backflow/parts	
1415	2"	\$ 108.00	(2)mtr flange/\$54ea.	1 1/2"	\$ 250.00	backflow/labor	
1421	2"	\$ 8.00	(2) gasket\$/4ea.				
707	4"	\$ 5.40	4" bolt kit	2"	\$ 940.00	backflow/parts	
1408	3/4"	\$ 14.00	meter tailpiece	2"	\$ 250.00	backflow/labor	
1424	1"	\$ 18.00	meter tailpiece				
1508	large	\$ 32.00	meter box lid				
1507	large	\$ 69.00	meter box				

**6.)CUST SHUT-OFF**

Labor = \$40.00 per hour

Typical 1" Short Lateral:

Parts: \$ 747.20  
 Tax: \$ 57.91  
 S&H: \$ 120.76  
 Labor: \$ 640.00 (16 Man/Hr@\$40.00hr)  
 Equipment: \$ 300.00  
 Total: \$ 1,865.87

Typical 1" Long Lateral:

Parts: \$ 747.20  
 Tax: \$ 57.91  
 S&H: \$ 120.76  
 Labor: \$ 1,280.00 (32 Man/Hr@\$40.00hr)  
 Equipment: \$ 900.00  
 Total: \$ 3,105.87

**RESOLUTION NO. 2012-09-01**

**RESOLUTION OF THE BOARD OF DIRECTORS OF THE BORREGO WATER DISTRICT  
REAFFIRMING THE DISTRICT'S COMMITMENT TO OPEN GOVERNMENT AND INTENT TO  
COMPLY WITH SUSPENDED PROVISIONS OF THE RALPH M. BROWN ACT**

**WHEREAS**, the California Legislature recently passed Assembly Bill 1464, a budget trailer bill, signed into law on June 27, 2012, which contains a list of state mandates that are suspended during fiscal year 2013, including the reimbursable provisions of the Ralph M. Brown Act (Brown Act), California's open meeting law; and

**WHEREAS**, Senate Bill 1006, which was also enacted on June 27, 2012, amended Government Code Section 17581 to extend the suspension of all state mandated local programs for a total of three years; and

**WHEREAS**, the state's fiscal condition has led to the suspension of Brown Act mandates; and

**WHEREAS**, a number of these suspensions relieve local governments of legal requirements to carry out previously mandated programs, including, but not limited to, certain public noticing provisions of the Brown Act; and

**WHEREAS**, the Brown Act, Government Code Section 54950 et seq., requires open and publicized meetings of government and advisory bodies in local government, and allows members of the public to be present and to address the body on issues relevant to the body's authority; and

**WHEREAS**, the Borrego Water District's Administrative Code, Section 4.1, Meetings, confirms that the District shall conduct meetings of the Board of Directors in accordance with the Brown Act; and

**WHEREAS**, the Borrego Water District Board of Directors recognizes the critical importance of providing open and transparent government by the timely noticing of public meetings and adhering to open meeting laws;

**NOW, THEREFORE, BE IT RESOLVED**, that the Board of Directors of the Borrego Water District and its appointed Committees that are currently required to comply with the Brown Act shall continue to do so regardless of the suspension of related mandates by the State of California; and

**BE IT FURTHER RESOLVED**, that the Board of Directors reaffirms the Borrego Water District's intent to comply with the Brown Act as well as other District Rules and Regulations that are designed to ensure the actions of the District are open and transparent.

**ADOPTED, SIGNED AND APPROVED** this 26th day of September 2012.

---

President of the Board of Directors  
of Borrego Water District

ATTEST:

---

Secretary of the Board of Directors  
of Borrego Water District

STATE OF CALIFORNIA )

) ss.

COUNTY OF SAN DIEGO )

I, Marshal Brecht, Secretary of the Board of Directors of the Borrego Water District, do hereby certify that the foregoing Resolution 2012-09-01 was duly adopted by the Board of Directors of said District at an adjourned regular meeting held on the 26<sup>th</sup> of September, 2012, 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, Marshal Brecht, 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. 2012-09-01 of said Board, and that the same has not been amended or repealed.

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

\_\_\_\_\_

Secretary of the Board of Directors  
of Borrego Water District