

SAN GORGONIO PASS WATER AGENCY
1210 Beaumont Avenue, Beaumont, CA
Board of Directors
Water Conservation & Education Workshop Agenda
September 30, 2013 at 1:30 p.m.

1. Call to Order, Flag Salute and Roll Call

2. Public Comment

Members of the public may address the Board of Directors at this time relating to any matter within the Agency's jurisdiction. To comment on specific agenda items, please complete a speaker's request form and hand it to the Board Secretary.

3. Consideration of Proposal from Inland Empire Resource Conservation District for School Education Program (District Manager Mandy Parkes, IERCD)*Page (2)

4. Consideration of Support for Inland Solar Challenge* (Page 7)
(Jennifer Ares)

5. Announcements

- A. Employee Guide Workshop, October 3, 2013 at 1:30 p.m.
- B. Regular Board Meeting, October 7, 2013 at 1:30 p.m.
- C. San Gorgonio Pass Water Task Force Joint Workshop, October 8, 2013 at 1:30 p.m.
- D. Engineering Workshop, October 14, 2013 at 1:30 p.m.
- E. San Gorgonio Pass Water Task Force, October 14, 2013 at 6:00 p.m., Banning City Hall Council Chambers

5. Adjournment

***Information included in Agenda Packet**

(1) Materials related to an item on this Agenda submitted to the Board of Directors after distribution of the agenda packet are available for Public Inspection in the Agency's office at 1210 Beaumont Avenue, Beaumont during normal business hours. (2) Pursuant to Government Code section 54957.5, non-exempt public records that relate to open session agenda items and are distributed to a majority of the Board less than seventy-two (72) hours prior to the meeting will be available for public inspection at the Agency's office, located at 1210 Beaumont Avenue, Beaumont, California 92223, during regular business hours. When practical, these public records will also be made available on the Agency's Internet Web site, accessible at <http://www.sgpwa.com>. (3) Any person with a disability who requires accommodation in order to participate in this meeting should telephone the Agency (951 845-2577) at least 48 hours prior to the meeting in order to make a request for a disability-related modification. 1 / 8

**SPECIFIC BUDGET PROPOSAL: WATER USE EFFICIENCY EDUCATION ON
BEHALF OF THE SAN GORGONIO PASS WATER AGENCY**

Proposal To:

*San Gorgonio Pass Water Agency
Contact: Jeff Davis, General Manager
1210 Beaumont Ave.
Beaumont, CA 92223*

Proposal From:

*Inland Empire Resource Conservation District
Contact: Mandy Parkes, District Manager
25864-K Business Center Drive
Redlands, CA 92374*

INLAND EMPIRE



RESOURCE
CONSERVATION DISTRICT

BUDGET DESCRIPTION

At the beginning of the 2013-14 fiscal year, the Board of Directors of the San Gorgonio Pass Water Agency reviewed a proposal for performance of water use efficiency education on its behalf by the Inland Empire Resource Conservation District. Ultimately, the SGPWA elected to approve the concepts described within the proposal and set a budget for performance of proposal elements in 2013-14 of \$8,000.

The following sections outline deliverables from the IERCD based on the budget set by the SGPWA Board of Directors for the 2013-14 fiscal year.

PERFORMANCE OF ALL TASKS BY QUALIFIED STAFF:

The execution of planning and presentation performance by experienced education staff is key to the efficient, consistent delivery of the message of the San Gorgonio Water Pass Agency to its residents. The following list details the experience of all individuals with potential to participate in implementation of aspects of SGPWA outreach and education tasks:

- Amy Bonczewski, Education Coordinator
 - Role in performance of SGPWA environmental education: Amy is the manager of the IERCD education department and will oversee execution of all outreach including printed and digital advertising and meetings with partners/educators; development of education program content; and adjustment of task execution based on feedback from educators or other SGPWA partners. She will also perform occasional programs.
 - Years experience with the IERCD: six
- Shari Tindall, Conservation Educator
 - Role in performance of SGPWA environmental education: Shari is the primary performer of classroom programs. Her responsibility involves consistent presentation of SGPWA water conservation message to students of all ages, ensuring adherence to lesson plans outlining content and activities for each program to maximize message delivery and corresponding resident behavior modification.
 - Years experience with the IERCD: ten
- Mandy Parkes, District Manager
 - Role in performance of SGPWA environmental education: Mandy will oversee performance of all tasks related to this proposal at a level of execution consistent with SGPWA expectations. Occasionally, she will perform classroom programs if other educators are unable to fulfill all requests from the community.
 - Years experience with the IERCD: five
- Katie Heer, Project Manager
 - Role in performance of SGPWA environmental education: Katie will perform programs when other education staff is unavailable, and has done so for multiple water provider partner agencies with whom the IERCD works on execution of water conservation education tasks.
 - Years experience with the IERCD: three
- New staff position: Education Assistant
 - Role in performance of SGPWA environmental education: this position will be advertised in October and hired in November; once fully trained on IERCD

programming protocols, this individual will begin WUE presentation performance on behalf of SGPWA.

WATER CONSERVATION EDUCATION: CLASSROOM PROGRAMS

Total Proposed Budget: \$6,200

Total Classroom Programs: 62, to be performed in a range of K-12 classrooms and including all of the following services:

- *Outreach to educators and community groups:*
 - Creation and distribution of SGPWA hard copy and electronic flyers
 - Presentations directly to district-wide administrator meetings and/or grade level and full staff school meetings.
 - Incentives for booking programs advertised to schools and community leaders
 - Email outreach to SGPWA-service area partners advertising WUE programs
- *Each individual program will be performed to the following standards:*
 - Consistency with newly and in-progress education standards including:
 - Common Core Standards
 - Next Generation Science Standards
 - Program preparation and post-performance reinforcement of content: each requesting educator will receive grade-appropriate preparation vocabulary/abbreviated activity ideas to prepare students for program concepts, in addition to questions and activities designed to maximize content retention following program performance.
 - Minimization of waste through use of the following educational tools
 - Electronic presentation using Prezi rather than hard copy materials
 - Using portable white board to minimize use of paper and maximize student engagement throughout all segments of programming
 - Hands-on activities consisting of one of the following:
 - Water Conservation Enviroscope® model
 - Native plant activity involving student planting of drought-tolerant wildflower/shrub seeds in individual peat pots to take home
 - Check for comprehension: at the end of every program, the educator will administer a short quiz entitled "Do you remember" focusing on major concepts of the Water Use Efficiency presentation
 - Other activities, time permitting:
 - Question wheel with small conservation-themed prizes for correct answers
 - Additional activities and short games designed to increase content retention for participating students.

FEE BREAKDOWN FOR CLASSROOM PROGRAMS:

Task	Description	Cost
Program Preparation	Assembling materials, Travel, Clean-Up	\$65.00
Presentation	Classroom content portion	\$30.00
Materials	Enviroscope® Materials, Handouts	\$5.00
Per-Program Total		\$100.00

ELEMENTS OF WATER CONSERVATION: DEMONSTRATION GARDEN ACTIVITY

Total Proposed Budget: \$1,800

Total Garden Field Trips: 2, to be performed to two groups consisting of one upper elementary group and one high school group. As this is a newly proposed element of IERCD water use efficiency education work, the purpose of keeping the number of trips low is to evaluate effectiveness versus cost in addition to making any necessary adjustments in anticipation of potential additional tours in the 2014-15 fiscal year. Each of the field trips will include all of the following services:

- *Outreach to educators and community groups:*
 - Creation and distribution of SGPWA garden field trip hard copy and electronic flyers
 - Presentations directly to district-wide administrator meetings and/or grade level and full staff school meetings.
 - Incentives for booking tours advertised to schools and community leaders
 - Email outreach to SGPWA-service area partners advertising SGPWA tours.
- *Both tours will be performed to the following standards:*
 - Pre-tour discussion of plants and ground covers used on the property, staged in the parking area north of the garden in cooler weather or inside the SGPWA building on hotter days
 - Walking tour of the garden, involving
 - Recordation of plants present and key characteristics at varying levels of difficulty for grades 4-8
 - Observation of plants' predictions about characteristics based on pre-tour discussion for grades 9-12
 - Stations:
 - Upper elementary:
 - I: Sensory station with a variety of fragrant and textured plants, with written activity
 - II: Plant defenses station with a variety of species whose natural defenses against predation are obvious, with written activity
 - III: Cultural plant use station, where species of significance to local populations of Native Americans are present, with written activity; age-appropriate for upper elementary students
 - High School:
 - I: Native/drought-tolerant versus non-native/high water using station: examples of each are present, and students discuss how individual species physiology impacts water use, in addition to impacts to local watershed where they are present.
 - II: Water budget station where students design home landscapes factoring in water needs of each plant versus desired monthly water use
 - III: Cultural plant use station, where species of significance to local populations of Native Americans are present, with written activity; age-appropriate for high school students
- Post-stations group sharing and discussion
- Post-stations walk through garden to connect individual station content with species previously not highlighted during 1st walking tour

- Pre and post-program content and activity ideas for teachers/community leaders requesting the program

Option II: Tour for Multiple Classes (3 educators needed)

Task	Description	Cost
Tour Preparation	Assembling materials, Travel, Clean-Up	\$320.00
Tour/Activity	Conduction of Tour/Activity(ies)	\$150.00
Materials	Station I	\$60.00
	Station II	\$60.00
	Station III	\$60.00
Transportation	Busing to/from SGPWA	\$250.00
Tour Total		\$900.00



Inland Solar Challenge

12770 Second Street, Yucaipa 92399

Inland Solar Challenge Committee Members

Jennifer Ares, Co-chair
Yucaipa Valley Water District

Cecilia Griego, Co-chair
City of Redlands

Jamie Cansler
Yucaipa Valley Water District

George Castillo
San Bernardino Municipal
Water Department

Cecilia Contreras
East Valley Water District

Martha Duran
East Valley Water District

Amanda Kasten
West Valley Water District

Kelly Malloy
East Valley Water District

Renee Murphy
West Valley Water District

Jennifer Shimmin
City of Colton

Bob Wall
Yucaipa Valley Water District

September 24, 2013

Board of Directors
San Gorgonio Pass Water Agency
1210 Beaumont Avenue
Beaumont, CA 92223

Dear Board of Directors:

The 2013 Inland Solar Challenge event was a great success. The success can be attributed to the invaluable support from San Gorgonio Pass Water Agency. The committee is currently gearing up for the 2014 event with the expectation of additional schools joining the event.

This year, the students will be required to prepare a public service announcement video which encourages water customers to use water more efficiently. The water conservation education through this contest helps the retail water agencies show progress toward complying with Water Conservation Act of 2009 – SBX7-7.

Past support from San Gorgonio Pass Water Agency has been greatly appreciated by the retail water agencies and the participating students. The Inland Solar Challenge Committee respectfully request sponsorship for the 2014 event. Additional information is attached for your review.

Respectfully,

Jennifer Ares

Jennifer Ares



2014 Sponsorship

The Inland Solar Challenge (ISC) is a student-based competition that requires high school teams to design, build, and ultimately race a solar-powered boat. Teams are tested on the boats endurance, speed and maneuvering abilities. The event also integrates a water conservation requirement for students to present various scenarios water districts are challenged with in order to conduct sustainable practices.

Inland Solar Challenge Sponsorship Levels	
Solar Ray Sponsor Up to \$500	ISC t-shirt Framed Certificate of Sponsorship
Solar Cell Sponsor \$1,000	Name on Event t-shirt ISC t-shirt Framed Certificate of Sponsorship
Solar Panel Sponsor 2,000	Name/Logo on Event t-shirt ISC t-shirt Framed Certificate of Sponsorship Logo on all Printed Material
Solar Grid Sponsor \$3,000	Name/Logo on Event t-shirt ISC t-shirt Sponsor Plaque Logo on all Printed Material
Solar Mega Sponsor \$5,000 and above	Name/Logo on Event t-shirt ISC t-shirt Sponsor Plaque Top billing on all Printed Material Logo on all participating Solar Boats Awards Presenter

The Inland Solar Challenge event also appreciates physical donations. Items needed are boat building tools and supplies, event awards and apparel and food items for the students' meals.

This event is open to schools located within San Geronio Pass Water Agency and San Bernardino Valley Municipal Water District's service area. This year's event will take place at Yucaipa Regional Park on May 16th-18th, 2014.

If you wish to sponsor this event, please make your check payable to:
 West Valley Water District – Inland Solar Challenge
 855 W. Base Line Road
 P.O.Box 920
 Rialto, CA 92377
 TAX ID# 95-6006490
www.wvwd.org

For more information please contact Jennifer Ares (909)790-3301 or Amanda Kasten at (909)820-3700.