

SAN GORGONIO PASS WATER AGENCY
1210 Beaumont Avenue, Beaumont, CA
Water Conservation and Education
Committee Meeting
Agenda
November 9, 2017 at 1:30 p.m.

- 1. Call to Order and Flag Salute**
- 2. Adoption and Adjustment of the Agenda**
- 3. Public Comment**
Members of the public may address the Board at this time concerning items not on the agenda. To comment on specific agenda items, please complete a speaker's request form and hand it to the Board secretary.
- 4. Minutes of the September 28, 2017 Committee Meeting* (p. 2)**
- 5. Review of IERCD September Report* (p. 4)**
- 6. Review of IERCD Proposed Addendum to Contract* (p. 6)**
- 7. Discussion of Potential Media and Social Media Outreach Efforts* (p. 9)**
- 8. 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: 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 or accommodation.

SAN GORGONIO PASS WATER AGENCY
1210 Beaumont Avenue
Beaumont, California 92223
Minutes of the
Water Conservation and Education Committee
September 28, 2017

Committee Members Present:

Mike Thompson, Chair
Blair Ball (arrived at 1:32)
Steve Lehtonen

Staff Present:

Jeff Davis, General Manager

1. **Call to Order:** The scheduled meeting of the San Gorgonio Pass Water Agency Water Conservation and Education Committee was called to order by Committee Chair Thompson in the Agency Conference Room, 1210 Beaumont Avenue, Beaumont, California, at 1:30 pm, September 28, 2017.
2. **Adoption and Adjustment of the Agenda.** There were no changes to the agenda proposed.
3. **Public Comment:** There were no members of the public present who wished to address the Committee at this time.
4. **Minutes of the March 31, 2017 Committee Meeting.** A copy of the minutes was included in the agenda package. Director Lehtonen moved, seconded by Director Ball, to approve the minutes of the March 31 workshop. The motion passed 3-0.
5. **Minutes of the July 21, 2017 Committee Meeting.** A copy of the minutes was included in the agenda package. Director Thompson moved, seconded by Director Ball, to approve the minutes of the July 21 workshop. The motion passed 3-0.
6. **Report From Staff on Activities since July 21.** General Manager Davis informed the Committee that he had contacted the Inland Empire Resource Conservation District (IERCD) regarding inviting Board members to conservation workshops in the schools. As a result, both Director Duncan and Director Lehtonen had attended such workshops at Banning High School this month. He told the Committee that staff had been in contact with EnVision, the company that manufactures the groundwater model, and that the company indicated that the models were available at approximately \$1750 each, with a 5% discount for orders of five, or a 10% discount for orders of 10. This

prompted a discussion of the models and how to use them. The Committee proposed purchasing two models for the IERCD and asking the IERCD to take these to the three high schools in the region to use them to educate high school science students on groundwater issues. General Manager Davis replied that he would contact the General Manager of the IERCD to determine if she would be willing to accept a gift of two models on the condition that they would attempt to get them into the three local high schools. Committee members indicated that they would find out who to contact at the high schools.

7. **Discussion of Potential Conservation Programs.** The Committee discussed a possible series of full page ads in the Record Gazette that would inform the public on who the Agency is and on water conservation issues, such as turning sprinklers off during the winter when they are less needed to irrigate lawns. The possibility of tying these ads into a Facebook page was also discussed. The Committee asked General Manager Davis to talk to Art Vela and Dan Jagers regarding what message they would like to see conveyed in such ads or the Facebook page so that the Agency could coordinate the message with retail water agencies. It was decided to discuss this issue in more detail at the next meeting, which was scheduled for November 9.
8. **Adjournment.** Chairman Thompson adjourned the meeting at 2:45 pm.

Draft - Subject to Board Approval
Jeffrey W. Davis, Secretary to the Board



San Gorgonio Pass Water Agency Water Conservation Programs Report: September 2017

To: Jeff Davis, General Manager

Contact Information: jdavis@sgpwa.com

From: Jasmine Orozco, Education Coordinator

Contact Information: 25864-K, Business Center Drive, Redlands, CA, 92374

909-283-7780

jorozco@iercd.org

www.iercd.org

Report Last Updated: 09/30/2017

On behalf of the IERCD Board of Directors, I want to thank you so much for your continued support of our District and your amazing partnership! We are excited about presenting water conservation programs on behalf of the San Gorgonio Pass Water Agency this school year.

San Gorgonio Pass Water Agency General Program Overview

Please contact Education Coordinator Jasmine Orozco if you or your Board Members are interested in attending a scheduled program for proper notification of school staff.

Total Classroom Programs Contracted: 43

- Number of programs presented: 18
- Number of programs scheduled: 3
 - 10/5/17-Palm Elementary, Beaumont, 1 prog
 - 11/7/17-Brookside Elementary, Cabazon, 2 progs
- Number of outstanding programs: 22

Total Teacher Workshops Contracted: 2

- Number of workshops presented: 0
- Number of workshops scheduled: 2
- Number of outstanding workshops: 2

Schools/Cities

Water conservation programs have been presented in the following schools:

- Banning High School, Banning, 11 progs
- Cabazon Elementary, Cabazon, 6 progs
- Hemmerling Elementary, Banning, 1 prog

Yearly total of students reached with SGPWA Water Conservation messaging to date (at an average of 30 students per class): 540 students

Presentation Links

These links represent the most recent Prezi being presented on behalf of SGPWA. Please send any feedback concerning elements that should be excluded or are missing from the presentations.

- **Kindergarten:**

<https://prezi.com/ou8ixwt-cjrl/sqpwa-kinder-only/>

- **1st grade:**

<https://prezi.com/nektqgfvtzhv/sqpwa-1st-grd/>

- **2nd-3rd grade:**

<https://prezi.com/a45fctrrxhej/sqpwa-2-3/>

- **4th-5th grade:**

<https://prezi.com/fefkmwgpowrj/sqpwa-4th-5th-grd/>

- **Middle School**

<https://prezi.com/t1mbhultiaox/sqpwa-6-8th-grade/>

- **High School**

<https://prezi.com/7zbj48z8aauw/sqpwa-high-school/>

PROPOSED ADDENDUM TO SGPWA-IERCD 2017-18 WATER
CONSERVATION OUTREACH CONTRACT



SAN GORGONIO PASS
WATER AGENCY
• Established 1961 •



INLAND EMPIRE
RESOURCE
CONSERVATION DISTRICT

Date: October 27th, 2017

PROPOSED STATEMENT OF WORK:

GROUNDWATER DYNAMICS USING 3-DIMENSIONAL MODEL

Summary: The San Gorgonio Pass Water Agency (SGPWA) board of directors consistently works to determine most effective methods of water conservation education and outreach to residents within their service area. To date, the majority of these methods have focused on IERCD-led instruction in the classroom and at SGPWA headquarters; however, in the current fiscal year, the Agency and IERCD are exploring the potential to stretch the impact of these monies even further. The model suggested by SGPWA is to train educators within Agency boundaries on the fundamentals of water conservation presentation and model demonstration; once trained, these teachers would then be able to pass this training along to both colleagues and directly to their K-12 students. Using this model, the reach of dollars invested in annual resource management in SGPWA service area is projected to grow significantly, increasing total number of residents aware of the role of groundwater management in ensuring ongoing regional supply.

The approach for layering training on top of program requests is projected to include the following core elements:

1. SGPWA will purchase and provide four groundwater models for the three local high schools (Yucaipa, Beaumont, Banning) and one for IERCD use.
2. IERCD will develop protocol and train the pre-selected teachers on how to best prepare, facilitate presentations and model use, then provide content reinforcement opportunities to most effectively communicate importance of groundwater to participating students.
3. After initial training it would be up to the schools to decide how they would use them, how frequently, and for what classes, although IERCD will provide a suggested framework to lead teachers in an attempt to maximize model sharing and use among faculty members.

POTENTIAL DESIGN - SGPWA AQUIFER MODEL TRAINING PROGRAM

Training approach: in the current contract, SGPWA has requested that IERCD facilitate two teacher workshops on campuses within its service area. This requirement has the potential to focus on

objectives stated in the contract covering 2017-18, but also has the potential to include a specific focus on aquifer model and instruction strategy

- Participants: SGPWA will identify one “lead” teacher from each high school; IERCD will also directly outreach to departments in each high school for additional participation
- Agenda for trainings: Aquifer model excerpt
 - Review of SGPWA role in groundwater management/long-term regional water supply development and sustainability; partnership between IERCD-SGPWA
 - Review of standards corresponding to aquifer demonstration: Next Generation Science Standards (NGSS); specifically, *HS-ESS2-5. Plan and conduct an investigation of the properties of water and its effects on Earth materials.*
 - *Emphasis is on mechanical and chemical investigations with water and a variety of solid materials to provide the evidence for connections between the hydrologic cycle and system interactions commonly known as the rock cycle.*
 - Review of topics directly/indirectly connected to aquifer use:
 - Geological materials; sand, soil, gravel, rock
 - Infiltration
 - Recharge
 - Soil moisture
 - Water table
 - Storage
 - Contaminants/Treatment
 - Structure of classroom use of aquifer model:
 - Pre-program content
 1. Vocabulary
 2. Age/class-appropriate activities to conduct in days leading up to aquifer program
 - Prezi – online presentation capable of integrating audio/video with graphics that are easily updated; IERCD groundwater model Prezi will be provided in hardcopy, with training attendees walked through each frame, and Q/A on content. Focus on ability of each teacher to begin with existing Prezi template, and modify for individual class needs
 - Model facilitation
 - Post-program materials:
 1. Content comprehension quizzes
 2. Post-program activities
 3. Link to resources to allow instructors to tailor presentation and pre/post program content to class needs
 - Small group work to experiment with models, ask additional questions
 - All participants leave with flash drive of suite of documents covering aquifer model preparation, facilitation, post-program reinforcement, plus proper care and maintenance to lengthen life of model

PROGRAM OPERATIONS

Approach: the IERCD is also planning to develop a companion set of guidelines for individual campus use of models, to include the following elements:

- Design of individual campus trainings for participating teachers focusing on aquifer model storage and use guidelines
- Template calendar for teachers to allow transition of model among classrooms, to include a recommended timeframe for participating teachers
 - Role of Science team lead at each school site to keep model moving between users
- Development of training materials for use and care of models
- Additional availability of IERCD support for participating teachers, ranging from model care/maintenance to classroom support to pre/post-program help
- End of year model pick-up/storage/return in next school year

I am writing you today to request advertising pricing. I would like to know what it would cost to run a ½ page color ad and a full page color ad for water education and conservation. The ad would be placed in the Record Gazette and possibly the News Mirror. The ad may run just one time, but possibly every 3 months.

Thank you for your assistance.

Thank you for your inquiry regarding advertising rates.
We would love to be of assistance. We offer a customized ad for you and no extra charge.

The Rates are as Follows:

Half Page 1x 523.25 6x 449.75 add 100.00 for color. (color reg. 150.00 discounted to \$100.00)

Full Page 1x 976.50 6x 857.50 add 150.00 for color (color reg. 295.00 discounted to 150.00)

Therefore:

1-Run

The Half page ad is \$523.25, plus 100.00 = \$623.25 for one time.

The Full page ad is \$976.50, plus 150.00 = \$1126.50 one time.

6-Runs

Half page ad is \$449.75 plus 100.00, total 549.75 for six times each = \$3298.50.

Full page ad is \$857.50 plus 150.00 total 1007.50 for 6 runs = \$6045.00.