

**SAN GORGONIO PASS WATER AGENCY**  
**1210 Beaumont Avenue, Beaumont, CA**  
**Water Conservation and Education**  
**Committee Meeting**  
**Agenda**  
**February 13, 2020 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 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. Speakers are requested to keep their comments to no more than five minutes. Under the Brown Act, no action or discussion shall take place on any item not appearing on the agenda, except that the Board or staff may briefly respond to statements made or questions posed for the purpose of directing statements or questions to staff for follow up.
- 4. Approval of Minutes of December 12, 2019 Committee Meeting\* (p. 2)**
- 5. Status Report on IERCD Programs\* (p. 4)**
- 6. Discussion of Potential Sponsorship of Inland Solar Challenge\* (p. 8)**
- 7. Discussion of Social Media Campaign**
- 8. Discussion of Potential Dedication Ceremony for Fiesta Recharge Facility**
- 9. Discussion of State of the Water Supply Event**
- 10. 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](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 or accommodation.

**SAN GORGONIO PASS WATER AGENCY**  
**1210 Beaumont Avenue**  
**Beaumont, California 92223**  
**Minutes of the**  
**Water Conservation and Education Committee**  
**December 11, 2019**

**Committee Members Present:**

Mike Thompson, Chair  
Blair Ball  
Steve Lehtonen

**Staff Present:**

Jeff Davis, General Manager  
Casmir Olaiivar, Intern

1. **Call to Order and Flag Salute:** 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 Board Room, 1210 Beaumont Avenue, Beaumont, California, at 1:30 pm, December 11, 2019. Director Thompson led the Committee in the Pledge of Allegiance.
2. **Adoption and Adjustment of the Agenda.** The Agenda was adopted as published.
3. **Public Comment:** There were no members of the public who wished to speak at this time.
4. **Approval of the Minutes of the October 10, 2019 Meeting.** Director Lehtonen moved, seconded by Director Ball, that the minutes of the October 10, 2019 committee meeting be approved. Motion passed 3-0.
5. **Status Report on IERCDC Programs.** A copy of the October and November reports from IERCDC were included in the agenda package. General Manager Davis reported that Jasmine from the IERCDC was not able to attend today's meeting to answer questions about the program but would be able to attend the next meeting. The Committee had questions regarding the groundwater models that they would like to discuss with Jasmine.
6. **Discussion of Social Media Campaign.** Casmir Olaiivar reported on her work with social media, including short videos that she is posting that were produced by ACWA. The Committee expressed satisfaction with the progress of the social media effort.
7. **Discussion of State of the Water Supply Event.** General Manager Davis proposed a rough outline for the program that would include who the Agency is, what it has recently accomplished, and what it is trying to accomplish to maintain a reliable source of water for the region. The presentation would include information about the Agency's proposed capacity fee. Chair

Thompson expressed once again his desire to hold it at Four Seasons. A time frame of April to June, with a most likely date of sometime in May, was discussed. General Manager Davis indicated that he would provide a written draft outline at the next meeting.

8. **Adjournment.** After deciding that there will be no meeting next month, Chair Thompson adjourned the meeting at 2:09 pm.

~~*Draft - Subject to Board Approval*~~

Jeffrey W. Davis, Secretary to the Board



## San Geronio Pass Water Agency Water Conservation Programs Report: December 2019

**To:** Jeff Davis, General Manager

**Contact Information:** [jdavis@sgpwa.com](mailto:jdavis@sgpwa.com)

**From:** Jasmine Orozco Clark, Education Coordinator

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

909-283-7780

[jclark@iercd.org](mailto:jclark@iercd.org)

[www.iercd.org](http://www.iercd.org)

**Report Last Updated:** 12/31/2019

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 Geronio Pass Water Agency this school year.

### San Geronio Pass Water Agency General Program Overview

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

**Total Classroom Programs Contracted: 36**

- Number of programs presented: 31
- Number of programs scheduled: 0
- Number of outstanding programs: 5

**Total Teacher Workshops Contracted: 3**

- Number of workshops presented: 0
- Number of workshops scheduled: 0
- Number of outstanding workshops: 3

### Schools/Cities

**Water conservation programs have been presented in the following schools:**

- Beaumont High School, 10 prog
- Sundance Elementary, 1 prog
- Tournament Hills Elementary, 11 prog
- Three Rings Ranch Elementary, 3 prog
- Starlight Elementary, 6 prog

**Yearly total of students reached with SGPWA Water Conservation messaging to date (at an average of 30 students per class): 930**

### 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/sgpwa-kinder-only/>

- **1<sup>st</sup> grade:**

<https://prezi.com/nekt9qfvzvhv/sgpwa-1st-grd/>

- **2<sup>nd</sup>-3<sup>rd</sup> grade:**

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

- **4<sup>th</sup>-5<sup>th</sup> grade:**

<https://prezi.com/fefkmwgpowri/sgpwa-4th-5th-grd/>

- **Middle School**

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

- **High School**

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



## San Geronio Pass Water Agency Water Conservation Programs Report: January 2020

**To:** Jeff Davis, General Manager

**Contact Information:** [jdavis@sgpwa.com](mailto:jdavis@sgpwa.com)

**From:** Jasmine Orozco Clark, Education Coordinator

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

909-283-7780

[jclark@iercd.org](mailto:jclark@iercd.org)

[www.iercd.org](http://www.iercd.org)

**Report Last Updated:** 1/31/2020

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 Geronio Pass Water Agency this school year.

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  - 2/5 Hoffer Elementary, 5 prog
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### Schools/Cities

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- Sundance Elementary, 1 prog
- Tournament Hills Elementary, 11 prog
- Three Rings Ranch Elementary, 3 prog
- Starlight Elementary, 6 prog
- Cabazon Elementary, 2 prog

**Yearly total of students reached with SGPWA Water Conservation messaging to date (at an average of 30 students per class): 990**

### Presentation Links

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- **Kindergarten:**  
<https://prezi.com/ou8ixwt-cjrl/sgpwa-kinder-only/>
- **1<sup>st</sup> grade:**  
<https://prezi.com/nekt9qfvtzhv/sgpwa-1st-grd/>
- **2<sup>nd</sup>-3<sup>rd</sup> grade:**  
<https://prezi.com/a45fctrrxhej/sgpwa-2-3/>
- **4<sup>th</sup>-5<sup>th</sup> grade:**  
<https://prezi.com/fefkmgpowrj/sgpwa-4th-5th-grd/>
- **Middle School**  
<https://prezi.com/t1mbhultiaox/sgpwa-6-8th-grade/>
- **High School**  
<https://prezi.com/7zbj48z8aauw/sgpwa-high-school/>

# Thank You Sponsors

SOLAR MEGA SPONSORS

SOLAR GRID SPONSORS

SOLAR PANEL SPONSORS

SOLAR CELL SPONSORS



## The Challenge

The Inland Solar Challenge gathers local high school students to build and race 16-foot boats equipped with solar technology over a six-month period.

The three day event, held at Yucaipa Regional Park, includes an endurance, slalom and sprint race. In the months before the event, teams must prepare two technical reports and a Public Service Announcement (PSA) about water conservation. Students are also required to present their PSA at the event. The team with the most points overall wins the competition.

Once built, teams take the boats back to their schools where they spend many hours fitting them with the required technology. During this time students fine tune their designs to prepare for competition.

The cost of the event is provided through local sponsorships. Students work on their boats at their local high school, while motivated instructors help the students get the most out of this learning experience.



MAY 15-17, 2020

*Yucaipa Regional Park*

33900 Oak Glen Road, Yucaipa, CA 92399

### Event Info

Janett Robledo, Chair  
EAST VALLEY WATER DISTRICT  
(909) 806-4287

Devin Arciniega, Co-Chair  
SAN BERNARDINO MUNICIPAL  
WATER DEPARTMENT

[inlandsolarchallenge.com](http://inlandsolarchallenge.com)

  @inlandsolarchallenge





# Schedule of Events

FRIDAY, MAY 15, 2020

Registration	8:00am – 2:00pm
Inspections	8:00am – 4:00pm
Lunch	12:00pm – 1:00pm
Dinner	5:00pm – 6:00pm

SATURDAY, MAY 16, 2020

Breakfast	7:00am – 8:00am
Team Meetings	8:00am
Inspections	8:15am

## SPRINT RACE

1. Cathedral City	8:40am
2. Palm Springs	9:00am
3. Desert Hot Springs	9:20am
4. Redlands East Valley	9:40am
5. Desert Mirage	10:00am
6. Cajon	10:20am
7. Rialto	10:40am
8. Banning	11:00am
9. Yucaipa	11:20am
Lunch	11:45pm – 12:45pm
Inspections	1:00pm

## SLALOM RACE

1. Desert Hot Springs	1:20pm
2. Banning	1:40pm
3. Cathedral City	2:00pm
4. Cajon	2:20pm
5. Desert Mirage	2:40pm
6. Redlands East Valley	3:00pm
7. Rialto	3:20pm
8. Palm Springs	3:40pm
9. Yucaipa	4:00pm



SATURDAY CONTINUED

## PSA PRESENTATIONS

Dinner	4:15pm – 5:15pm
1. Palm Springs	5:40pm
2. Banning	5:50pm
3. Cathedral City	6:00pm
4. Rialto	6:10pm
5. Redlands East Valley	6:20pm
6. Desert Mirage	6:30pm
7. Cajon	6:40pm
8. Desert Hot Springs	6:50pm
9. Yucaipa	7:00pm

SUNDAY, MAY 17, 2020

Breakfast	7:00am – 8:00am
Team Meetings	8:00am
Inspections	8:15am

## ENDURANCE RACE

1. Desert Hot Springs	8:40am
2. Banning	8:50am
3. Rialto	9:00am
4. Cajon	9:10am
5. Redlands East Valley	9:20am
6. Desert Mirage	9:30am
7. Palm Springs	9:40am
8. Yucaipa	9:50am
9. Cathedral City	10:00am

AWARDS & LUNCH 12:00pm – 1:00pm

## PARTICIPATING HIGH SCHOOLS

- Banning High School
- Cajon High School
- Cathedral City High School
- Desert Hot Springs High School
- Desert Mirage High School
- Palm Springs High School
- Redlands East Valley High School
- Rialto High School
- Yucaipa High School

## ISC COMMITTEE MEMBERS

- CITY OF REDLANDS
- COACHELLA VALLEY WATER DISTRICT
- EAST VALLEY WATER DISTRICT
- SAN BERNARDINO MUNICIPAL WATER DEPARTMENT
- WEST VALLEY WATER DISTRICT
- YUCAIPA VALLEY WATER DISTRICT

9/15

# Recharging Communities with Groundwater

During dry years, groundwater contributes up to 60 percent of our regions annual supply. An efficient way to secure and increase the availability of groundwater supply is through recharge. Many water retailers are investing into groundwater recharge projects to help ease low levels of water and increase water manageability.

Students this year are asked to learn about their water agency groundwater supply and the investments being made to ensure sustainability of this resource. Participating teams will prepare a public service announcement highlighting the benefits of groundwater recharge projects and the method being used to replenish the basin.

The objective of this report is to bring awareness and continued support to the investments being made across the Inland Empire to ensure water supply reliability through recharging our groundwater supplies.





CITY OF REDLANDS

COACHELLA VALLEY  
WATER DISTRICT

EAST VALLEY  
WATER DISTRICT

SAN BERNARDINO  
MUNICIPAL  
WATER DEPARTMENT

WEST VALLEY  
WATER DISTRICT

YUCAIPA VALLEY  
WATER DISTRICT

January 13, 2020

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

Subject: 2020 Inland Solar Challenge Sponsorship

Dear Board of Directors,

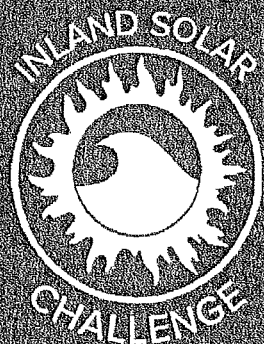
On behalf of the Inland Solar Challenge Committee we would like to thank you for your continued support of the event these past nine years. Through your generous sponsorships, participating students have had the opportunity to learn about water and energy sustainability.

This year, the event will be celebrating its 10-year anniversary and we hope to continue to engage with students in the challenge. To aid in our efforts, the committee is requesting a \$4,000 sponsorship from the San Gorgonio Pass Water Agency Board of Directors for this year's event.

Please see the attached sponsorship request for the 2020 Inland Solar Challenge Event.

Thank you for your consideration,

Janett Robledo  
2020 ISC Chair





## About the Event

The Inland Solar Challenge Event is a proven educational platform to convey the water conservation message and helps water agencies comply with the Water Conservation Act of 2009 SBx7-7 and the Demand Management Measure H, School Education Program. Students learn about career options in the water industry and are encouraged to pursue careers in engineering or environmental sciences.

The Inland Solar Challenge gathers high school students from San Bernardino Valley Municipal Water District, San Gorgonio Pass Water Agency, and Coachella Valley Water District's service areas to build and race solar powered boats during a three-day event held at Yucaipa Regional Park. Each team builds their own 16-foot-long boat equipped with solar technology to compete in three race configurations. Teams must prepare two technical reports on boat design and a Public service Announcement (PSA) on water conservation that is presented at the event. Points are awarded for the races, reports and the presentation. The school with the most overall points wins the competition.

In preparation for the event, the nine participating high school teams come together to a boat building workshop to build their boats and tour a water filtration facility. Students will also participate in a presentation about the East Branch Extension, a system that delivers State Water Project water to areas within San Bernardino Valley Municipal Water District.

During the eight-month educational program students commit time after school to work as a team to fit their boats with the required technology to compete in May. The event costs are paid for through sponsorships from local companies and water agencies. High schools provide the classroom space to work on the boats and motivated instructors help the students gain knowledge in both energy and water sustainability.

## 2020 PSA Conservation Topic

**“Recharging Communities with Groundwater”:** With California’s last drought of 2012-2017, efforts to protect our water supply have increased to prepare for future droughts. During dry years, groundwater contributes up 60 percent of our regions annual supply. Groundwater is water stored underground between rocks and particles of soil. Securing our groundwater levels by recharging provides an efficient way of increasing the availability of water for future droughts ahead. With support and grant funding from the State, many water retailers are investing in groundwater recharge projects to improve water levels and secure long-term water supply.

This year, students are required to research information on their water agency groundwater supply and the investments being made to ensure sustainability of this resource. Participating teams will prepare a public service announcement highlighting the benefits of groundwater recharge projects and the method used to replenish their local groundwater basins.

The following are topics students should focus on presenting their PSA’s:

- Overview of their agencies water supply portfolio.
- Projects completed/in-progress by their water supplier to manage groundwater supplies.
- What recharge techniques are being used to replenish groundwater basins.
- Where is the recharge water coming from?
- Benefits of groundwater recharge projects to their communities.

The objective of this assignment is to bring awareness and continued support to the investments being made across the Inland Empire to ensure water supply reliability through groundwater recharge.

## 2020 Inland Solar Challenge Committee

The Inland Solar Challenge Committee is comprised of several water retailer employees who dedicate a portion of their staff time throughout the year to plan the event.

Inland Solar Challenge Committee	
Jennifer Shimmin	Coachella Valley Water District
Cecilia Griego	City of Redlands
Janett Robledo	East Valley Water District
Cecilia Contreras	East Valley Water District
Martha Duran	East Valley Water District
Jennifer Ares	Yucaipa Valley Water District
Matt Flordelis	Yucaipa Valley Water District
Matt Porras	Yucaipa Valley Water District
Devin Arciniega	San Bernardino Municipal Water Department
Claudia Frias	San Bernardino Municipal Water Department
Socorro Panteleon	West Valley Water District

## 2020 Water Retailer Sponsorship

In addition to in-kind staff time, water retailers also financially sponsor a team within their water service area, and/or the event, or other in-kind donations.

Water Agency Sponsors	Sponsorship Item	Amount
<b>San Bernardino Municipal Water Department</b>	Cajon High School/Event	\$3,500
<b>City of Redlands</b>	Redlands East Valley High School/Event	\$3,500
<b>West Valley Water District</b>	Rialto High School/Event	\$3,500
<b>Yucaipa Valley Water District</b>	Yucaipa High School	\$2,500
<b>East Valley Water District</b>	Event	\$2,500
<b>Coachella Valley Water District</b>	Cathedral City/Desert Mirage High School/Event	\$7,500



## 2020 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 their boat's endurance, speed and maneuvering abilities. The event also integrates a water conservation requirement for students to present on various scenarios water districts are challenged with in order to conduct sustainable practices.

<b>Inland Solar Challenge Sponsorship Levels</b>	
<b>Solar Ray Sponsor Up to \$500</b>	ISC t-shirt Certificate of Sponsorship
<b>Solar Cell Sponsor \$1,000</b>	Name/Logo on Event t-shirt ISC t-shirt Certificate of Sponsorship
<b>Solar Panel Sponsor 2,000</b>	Name/Logo on Event t-shirt ISC t-shirt Certificate of Sponsorship Logo on all Printed Material
<b>Solar Grid Sponsor \$3,000</b>	Name/Logo on Event t-shirt ISC t-shirt Sponsor Plaque Logo on all Printed Material
<b>Solar Mega Sponsor \$5,000 and above</b>	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 the Inland Empire which incorporates the cities of San Bernardino, Redlands, Yucaipa, Rialto, Banning, Palm Springs, and Cathedral City. This year's event will take place at Yucaipa Regional Park on May 15-17, 2020.

If you wish to sponsor this event, please make your check payable to:

East Valley Water District – Inland Solar Challenge  
31111 Greenspot Rd  
Highland, CA 92346  
[www.eastvalley.org](http://www.eastvalley.org)

For more information please contact Janett Robledo, Event Chair at (909)806-4287.

## 2020 Inland Solar Challenge

Sponsorships				
Description/Source	2019		2020	
	Budget	Actual	Budget	Actual
<b>Balance Forward</b>	\$ 3,170.94	\$ 3,170.94	\$ 698.02	\$ 698.02
San Bernardino Valley MWD	\$ 5,000.00	\$ 5,000.00	\$ 6,000.00	\$ -
San Gorgonio Pass WA	\$ 4,000.00	\$ 4,000.00	\$ 4,000.00	\$ -
East Valley Water District	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00
Nestle Water/Arrowhead	\$ 2,500.00	\$ 2,000.00	\$ 2,000.00	\$ -
City of San Bernardino	\$ 3,500.00	\$ 3,500.00	\$ 3,500.00	\$ 3,500.00
City of Redlands	\$ 3,500.00	\$ 3,500.00	\$ 3,500.00	\$ 3,500.00
Coachella Valley Water District	\$ 5,000.00	\$ 5,000.00	\$ 7,500.00	\$ -
West Valley Water District	\$ 3,500.00	\$ 3,500.00	\$ 3,500.00	\$ 3,500.00
<b>Total Sponsorships</b>	\$ 32,670.94	\$ 32,170.94	\$ 32,198.02	\$ 13,698.02

Expenses				
Description/Source	2019		2020	
	Budget	Actual	Budget	Actual
Establish 501c-3 Status	\$ -	\$ -	\$ 1,500.00	\$ -
Website Design	\$ 520.00	\$ 99.00	\$ 200.00	\$ -
Event Location	\$ 5,500.00	\$ 4,005.00	\$ 5,500.00	\$ -
Event Apparel	\$ 1,500.00	\$ 1,677.13	\$ 1,700.00	\$ -
Food	\$ 5,000.00	\$ 6,270.12	\$ 6,500.00	\$ 459.77
Signs/Banners	\$ 700.00	\$ 648.71	\$ 700.00	\$ -
Event Supplies/Miscellaneous	\$ 1,500.00	\$ 1,950.38	\$ 2,000.00	\$ 282.26
Trophies/Sponsorship Plaques	\$ 550.00	\$ 808.71	\$ 700.00	\$ -
Boat Build Materials	\$ 2,055.88	\$ 2,187.37	\$ 2,000.00	\$ 1,708.74
Lifeguard/Security Guard	\$ 1,000.00	\$ 846.50	\$ 1,000.00	\$ -
School Sponsorships	\$ 5,000.00	\$ 12,980.00	\$ 12,500.00	\$ 12,500.00
<b>Total Expenses</b>	\$ 23,325.88	\$ 31,472.92	\$ 34,300.00	\$ 14,950.77
<b>Remaining Balance</b>		\$ 698.02	\$ (2,101.98)	\$ (1,252.75)