



San Gabriel Basin Water Quality Authority

1720 W. Cameron Avenue, Suite 100, West Covina, CA 91790 • 626-338-5555 • Fax 626-338-5775

**WQA LEGISLATIVE/PUBLIC INFORMATION COMMITTEE
AND SPECIAL MEETING OF THE BOARD OF DIRECTORS
TO BE HELD ON WEDNESDAY, JUNE 15, 2022 AT 11:00 A.M.
AT
1720 W. CAMERON AVE., SUITE 100 IN WEST COVINA, CA**

With passage and signing of AB 361 and in light of the ongoing Statewide State of Emergency originally declared by Governor Newsom on March 4, 2020, WQA Board Meetings will continue to be conducted via remote teleconferencing, subject to the requirements of Government Code Section 54953(e). Members of the public can participate remotely via Zoom following the instructions provided below. Members of the public may also submit comments in writing to stephanie@wqa.com which comments will be distributed to the members of the Board, provided such written comments are received prior to the meeting start time. To address the Board during the meeting you may use the "raise hand" feature and you will be called up on when appropriate.

To attend the meeting please register in advance at:

https://us06web.zoom.us/webinar/register/WN_MLymf--xSZGqO-UIhh4yww

A confirmation email will be sent to you with instructions on how to join the meeting virtually or call-in option

**The Legislative/Public Information Committee meeting is noticed as a joint committee meeting with the Board of Directors for the purpose of compliance with the Brown Act. Members of the Board that are not assigned to the Legislative/Public Information Committee may attend and participate as members of the Board, whether or not a quorum of the Board is present. In order to preserve the function of the Committee as advisory to the Board, members of the Board who are not assigned to the Legislative/Public Information Committee will not vote on matters before the Committee*

AGENDA

Committee Members: Valerie Munoz, Bob Kuhn and Robert Gonzales

Liaison Member: Lynda Noriega

- I. Call to Order
- II. Public Comment
- III. Discussion Regarding Next Advertorial
- IV. Discussion Regarding EcoVoices Institute Educational Programs [enc]
- V. Discussion Regarding AB 2163 (Rubio) – San Gabriel Basin Water Quality Authority Act
- VI. Legislative Activities/Reports
 - a. State
 - b. Federal
- VII. Executive Director's Report
- VIII. Adjournment



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AGENDA SUBMITTAL

To: Legislative/Public Information Committee
From: Randy Schoellerman, Executive Director
Date: June 15, 2022
Subject: Eco Voices Institute Educational Programs

Discussion

The past six years WQA has participated in a Summer Youth Outreach Program with EcoVoices to target a segment of the community that is difficult to reach, the youth of our communities. EcoVoices is a STEM's rich hands-on program that provides young people lessons on the San Gabriel River watershed that includes: groundwater quality, drought preparedness, mitigation measures for the prevention of pollution and restorative biodiversity. It is delivered in a dynamic and theatrical way that helps students remember and retain what is taught. This year the program has expanded to include at least 15 K-8 schools within the area of the WQA.

Staff recommends continuing our partnership with EcoVoices for the summer program for the budgeted \$15,000. The program reaches an estimated 1,000 youth within the region.

Recommendation

Approve proposal for participation in the EcoVoices Institute Educational Programs for \$15,000.

Attachment

Eco Voices Proposal for 2022



World Space

Dedicated to Scientific, Educational, and Literary Enterprises

AGREEMENT FOR PROFESSIONAL SERVICES

This Agreement is made and entered into this 15th day of June 2022 by and between the San Gabriel Basin Water Quality Authority (WQA) and EcoVoices, a Project of the Founders of the World Space Foundation (World Space). The purpose of EcoVoices to create and sustain innovative, effective, and outstanding educational programs for ecological research and stewardship, focused on water.

SCOPE OF WORK: World Space agrees to perform the professional services and tasks set forth as follows:

1. Create, design, and produce, as part of the larger EcoVoices community outreach curriculum, courses, inquiry stations, science journals, mimewrighting scenarios and other associated components on the theme of WATER QUALITY, specifically: GROUNDWATER POLLUTION and GROUNDWATER CLEANUP, with the guidance of WQA expertise.
2. Implement the WATER QUALITY curriculum as part of the SUMMER 2022 and School Year 2022-2023 community outreach, within the service area of the WQA, by producing a series of *video productions* for online and Social Media distribution.
3. Implement the WATER QUALITY curriculum as part of the School Year 2022-2023 community outreach to at least 5 K-8 schools within the service area of the WQA.
4. Provide photographs and write-ups to enable the WQA to publicize its participation as an EcoVoices partner via its Social Media outlets. Include the WQA logo where appropriate (letterhead, banners, science journals, etc.), to indicate its status as an EcoVoices partner.

COMPENSATION: EcoVoices, a project of World Space, shall perform the Professional Services at a total cost of \$15,000, payable to the "World Space Foundation".

INTELLECTUAL PROPERTY: World Space enthusiastically embraces the task of creating a suite of educational products for EcoVoices that communicate WQA community outreach themes. World Space reserves the intellectual property rights to benefit the authors of those efforts, to be shared as revenue-producing work, on a case by case basis, with its collaborative partners.

GENERAL PROGRAM DEVELOPMENT: This Agreement funds activities carried out in concert with several collaborative entities, including but not limited to: the L.A. County Department of Parks & Recreation, the La Puente Valley County Water District, the San Gabriel Valley Water Company, the National Ground Water Foundation, and various school districts within the San Gabriel Basin WQA service area.

Richard Shope, President
Founders of the World Space Foundation

Randy Schoellerman, Executive Director
San Gabriel Basin Water Quality Authority



Water Quality Authority

Founders of the World Space Foundation, Dr. Richard Shope, President
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A Nonprofit 501 (c) (3) NGO, # 95-3422531



World Space

Dedicated to Scientific, Educational, and Literary Enterprises

Water Stories: Ideas for Short Outreach Videos

In addition to scheduling a series of Expeditions of hands-on educational activities at various parks in the San Gabriel Valley, our goal for the Summer of 2022 is to produce a series of videos designed to communicate education and outreach messages regarding the understanding about Water, especially in this time of the megadrought. We are aiming for two tiers of production quality.

TIER ONE: These are 8-10 minute outreach videos that involve a two-camera shoot, a dedicated sound person, an original music sound track, and a producer/director/editor who oversees each video project end-to-end. All personnel are in-house to World Space, as is most of the equipment. Our estimate of the cost of each video is \$2500-\$3000. We would like to make THREE Tier One Videos.

TIER TWO: These are 3-5 minute educational videos that each aim to guide the audience through a specific learning experience about water. The handful of videos we have already made fall into this category. These entail a one-person shoot, a sound person, an original music track, and a post-production editor. Our estimate of the cost of each of these videos is \$750-\$1000. We aim to make FIVE Tier Two Videos.

STYLE & FEEL: Consistent with all of our programming, we are aiming to reach an audience that ranges from ages 10-15 and families in general. The character of *The Wandering Scholar* is meant to convey intelligence, enthusiasm, knowledge, sense of humor, commitment to action, and willingness to discuss the truly serious issues at hand (megadrought, climate change, water quality, water resources, water conservation), telling it like it is with the higher level thinking and vocabulary needed to convey complex concepts, while also conveying *insight into solutions*, and generally, *hope for the future*. To strike a balance of urgency and a sense that, individually and as a community, we *can* make a difference.

IDEAS: The next page shows a list of ideas we have for videos to make this summer.

WATER STORIES: *Education & Outreach Video Ideas*

Brainstorming Starter Ideas

Water Treatment/Water Quality

Film *The Wandering Scholar* to zero in theatrically on Water treatment specifics, such as:

EXTRACTION WELLS where there are relatively IMPERMEABLE BARRIERS at key locations, where water is drawn into the Water Quality treatment plant.

AIR-SHOOTER to VOLATIZE the VOLATILES: let the contaminated water sprinkle down through silos filled with these plastic whiffle balls that break the water into little droplets, then shoot air with the force of rockets up through the water. Then you run that air now filled with volatized volatiles through activated carbon filters, so they don't just escape to become air pollution. The carbon filters are eventually stripped of the volatiles and gets used again.

ION EXCHANGE TWO-STEP: Percolate the water through a tank filled with resin beads to attract the ionized perchlorates, to percolate the perchlorates! (Include a section to explain what perchlorates are and how they affect the human body)

NDMA that you can only break up into harmless chemicals by using ULTRAVIOLET LIGHT to break the molecular bonds.

ADDITIVES: Add in some hydrogen peroxide, and a touch of chlorine, and VOILÁ, you've got DRINKING WATER ON TAP, Cleaner than the plasticized Bottled Water you buy in the store!

Watershed Ecosystem of the San Gabriel Valley

Follow the Water from the various sources to the tap, to give a sense of the structure of the water basin and where the water comes from and goes.

Water in the Home

Look at all the places where water flows in a typical home.

How to measure FLOW RATE, read THE WATER METER, and check for LEAKS.

Megadrought

Communicate insight about water tables, the San Gabriel Basin, how Water Agencies manage water resources and what we can do during a time of drought.

Scale

Film placing big blocks of ice in a configuration to convey what an Acre-Foot of Water is...