



project clean water

Education and Resource Development TAC  
Wednesday, September 29, 2004  
San Diego County Water Authority Office  
4677 Overland Drive  
San Diego, CA 92123  
Training Conference Room  
10 am – Noon

### MEETING SUMMARY

#### Attendees:

Marya Ahmad	Tijuana River National Estuarine Research Reserve (TRNERR)
Jeffrey Barnes	Helix Water Authority
Dan Carney	City of San Diego Water Department
Michele Cherry	City of San Diego Water Department
Marsha Cook	County of San Diego DPW Watershed Protection Program (WPP)
Paul Davy	County of San Diego Agriculture , Weights and Measures (AWM)
Ivan Golakoff	San Diego County Water Authority (CWA)
Betsy Leonard	Private Contractor
Roger Morrison	City of Poway
Margarita Mogollón	County of San Diego DPW WPP
Merle Okino O'Neill	Agua Hedionda
Rick Sakow	County of San Diego, DPLU Multiple Species Conservation Program (MSCP)
Rita Spiegel	Solana Center for Environmental Innovation (Solana Center)
Michele Stress	County of San Diego DPW WPP

#### I. INTRODUCTORY REMARKS – CLEAN WATER SUMMIT HIGHLIGHTS

Michele Stress gave a summary of the 2004 Clean Water Summit. Comments and suggestions for next year's Summit were solicited. Several participants suggested that additional tracks be offered in the afternoon session.

#### II. OUTREACH TECHNICAL WORKGROUP UPDATE

Marsha Cook gave the update. The Outreach Workgroup has dedicated funds this year to the San Diego Regional IPM Education and Outreach Project (Prop 13 PRISM Grant 04-017-559-0).

Michele and Margarita gave an update of the PRISM Grant activities thus far and ways for stakeholders to participate.

### III. POLICY ADVISORY COMMITTEE (PAC) UPDATE

Merle O'Neill and Michele Stress gave a brief overview of the PAC and Legislative TAC for the benefit of new participants. Merle outlined EdTAC recommendations to the PAC:

1. Develop statewide campaigns/curriculum on ecology & watershed principles to implement next year.
2. Provide leadership to promote action-oriented education projects.
3. Measure the effectiveness of outdoor & environmental education programs' ability to move people/students into active stewardship.
4. Develop an effective Environmental Education Management program that addresses the dynamics of using regular assessment to implement improvements and refine programs.
5. Work with supportive legislators: specific recommendation to work with Assemblyperson Pavley who supports Water Quality curriculum development.
6. In Phase II permits for schools, include a requirement that schools provide water quality education to students.
7. Establish funding criteria within State Grants that:
  1. Specifies an amount required for education/outreach, and
  2. Directs funding to NGOs/Non-profits who partner with governmental agencies.

One Statewide campaign suggestion discussed is to address over-irrigation. This issue is important for both storm water programs and water conservation, and can crossover to health programs as well.

### IV. UPDATE ON LEGISLATION PERTAINING TO ENVIRONMENTAL EDUCATION

Rita Spiegel gave an update from the Legislative TAC. Participants concentrated on funding. Three main points emerged:

1. Bond funding has been written for Brick and Mortar projects but more funding is needed for outreach as well.
2. More opportunities should be provided for NGOs to work with government.
3. Statewide leadership needed to bring collaborations together.

Participants stated interest in receiving a copy of the CalEPA Fact Sheet on Phase II Permits – "Who should Apply?" A copy will be sent out with the minutes.

### V. FUNDING UPDATES/IPM GRANT UPDATE

**ENVIRONMENTAL EDUCATION INITIATIVE:** Merle O'Neill gave an overview of this funding under this initiative. EPA has put out the Request For Proposals. 5 State grants are available for \$25,000 or less and larger grants are available at the national level. Mary Jane Foley of the County of Orange is working on a grant for curriculum at the state level. Betsy Leonard gave a summary of the Initiative, formerly called AB1548. What's new is that projects/curriculum which formerly may have loosely

applied to education standards must now show that they promote mastery of the standard(s). Betsy will discuss the possibility of getting funding to write curriculum with State contact, Dr. Leiberman.

**COUNTY TELEVISION NETWORK VIDEO PRODUCTION GRANTS:** These grants have an annual cycle for 5 Video Projects, each receiving \$10,000. Non-governmental organizations must partner with a County Department (any County Department). Grants are highly competitive and must be aligned with the County initiatives: Safe and liveable communities; Kids; and, the environment.

**319(H) AGRICULTURAL WATER GRANTS:** Paul Davy is working on a grant concept proposal with the CA Avocado Commission to address runoff in avocado groves. Components include water quality monitoring, database establishment, and outreach. The focus is at the field worker level using health as the entry point to address best management practices. The strategy is to get to field workers through faith-based organizations. Paul is looking for outreach literature specifically targeting sediment, materials handling areas and specific pesticide use applications.

Note: The State Department of Pesticide Regulation specifically authorized the County Agriculture Commissioner as the entity responsible for pesticide regulation.

## VI. UPDATES ON WATER-BASED EDUCATION PROGRAMS/ACTIVITIES

Assessment of educational activities was the focus of the discussion. The NAAEE outlines criteria for environmental education and assessment. There are 7 booklets available with topics on materials evaluations and various types of educational structures.

SeaWorld sponsors a workshop for teachers to evaluate the resource packets distributed on San Diego Wetlands.

## VII. ROUNDTABLE FORUM

County Water Authority :

- Exhibit on outdoor watering and stormwater is completed and will be added onto the existing exhibit on water at the Ruben Fleet Science Center next week.
- The next focus is over-irrigation.
- Ivan submitted a grant proposal to San Diego Foundation to develop curriculum on water issues related to disasters. The BLM in conjunction w/Florida State University created a CD-Rom with eco-adventures at Middle to High School levels called, "Burning Issues". It can be obtained through Project Learning Tree.
- ITV project is underway. Ivan is developing scripts for (12) 5-6 minute videos introducing local & state history based on water issues for 3<sup>rd</sup> and 4<sup>th</sup> grades. The Historical Society is putting supplemental photos online. The program includes curriculum and field trips.
- Ivan and Merle are waiting to hear on a grant proposal to Hans Doe for inter-active plasma screens and a computer station for the Agua Hedionda Discovery Center lagoon model.

TRNERR:

- Piloting high school curriculum on Estuary Ecology , History and Water Quality. Should be available after the fall of next year.
- Estuary Explorers Program provides classroom and field training for 3<sup>rd</sup>-6<sup>th</sup> grades at the visitor's center. Teachers in Imperial Beach are rolling out the Habitat Heroes Program all year with 2<sup>nd</sup> grade developing a native plant garden. They showcase their work at a year-end celebration.
- Coastal Training Program educates residents in Laureles Canyon area on safe building practices and residential BMPs.

Helix Water Authority :

Working with the H2O Conservation Garden at Cuyamaca College. They are a good partner for projects related to over-watering.

Communities Alive in Nature:

Received funding for the school program this year. Students will be doing sand erosion studies.

Agua Hedionda Discovery Center:

Watershed model of the local area is due for completion in mid-October. Of the 2.5 acres surrounding Agua Hedionda, 98% is native landscape. Merle is working on Watershed Stewardship training, in which citizen groups monitor along the watershed. She wants to focus on the relationship of invasive species to storm water issues.

Solana Center:

- Developing new guides on Household Hazardous Waste and will follow with 1-2 workshops in each city (excluding San Diego) and 6 workshops in the unincorporated area. Workshop material related to pesticide disposal could count as matching contributions to the PRISM IPM grant.
- On October 16<sup>th</sup>, a compost bin sale and vermicompost event was held for Solana Beach, Del Mar and Encinitas residents.

County of San Diego:

- Michele Stress will be assisting in the planning of a Watershed Summit in Los Angeles, similar to our Clean Water Summit. Theme is 'Lessons Learned'.
- The San Diego Citizens Watershed Monitoring Consortium is held the 2<sup>nd</sup> annual World Water Monitoring Day event at Sweetwater Regional Park Open Space on October 15<sup>th</sup>. Monitoring projects are carried out from September 18 through October 18<sup>th</sup>. Local registration can be done at [WWW.SDCWMC.ORG](http://WWW.SDCWMC.ORG).
- School presentations are being conducted through services of SDCOE Splash Science Mobile Lab and IPM Green Machine this year throughout the unincorporated area.
- Michele suggested the EdTAC make available white page executive summaries of some of the major projects in the San Diego Region by posting to the Project Clean Water web page.

VIII. NEXT MEETING

TBD: LATE DECEMBER OR EARLY JANUARY

*CLEAN WATER THROUGH LOCAL COMMITMENT AND ACTION*