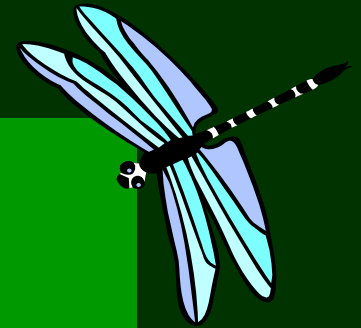


Citizen Bioassessment Monitoring -Successes & Challenges



4/7/2005

The Clean Water Team Citizen
Monitoring Program

Holly Sheradin

State Water Resources Control Board
Division of Water Quality

Overview



- Introduction - Citizen Monitoring Program
- Citizen Monitoring Bioassessment Successes & Challenges



4/7/2005

The Clean Water Team Citizen Monitoring Program

- Program contacts:

- Holly Sheradin, State Coordinator, Sacramento (916)341-5466

-

- Erick Burren, Region 4, 7, 8, 9 Coordinator, L.A. (213) 576-6788

- Revital Katznelson, Region 1, 2, 3 Coordinator, Oakland (510) 622-2470



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CWT Program Mission:

- To build and support the state's watersheds stewardship through involvement in Citizen Monitoring in order to prevent and reduce water pollution.



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CWT Program Resources

- www.swrcb.ca.gov/nps/volunteer.html
- Resource materials
 - CA Streamside Biosurvey
- Compendium
- Newsletter



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CURRENTS

Program Resources Continuation...



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- Model QAPP (comply with SWAMP QAPP standards - grant requirement)
- Lending Library
- DFG Lab Agreement
 - Provide coordinated analysis of samples collected by citizens
 - Level 3 taxonomic analysis (to species or lowest possible taxon)

Program Resources Continuation...



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Program Resources Continuation...

- Training Workshops
 - Train the Trainers
 - Introduction to Citizen Monitoring
 - Streamside Biosurvey
 - Monitoring Plan Writing 101
 - QAPP Writing 101
 - Data Quality Management (DQM) 101



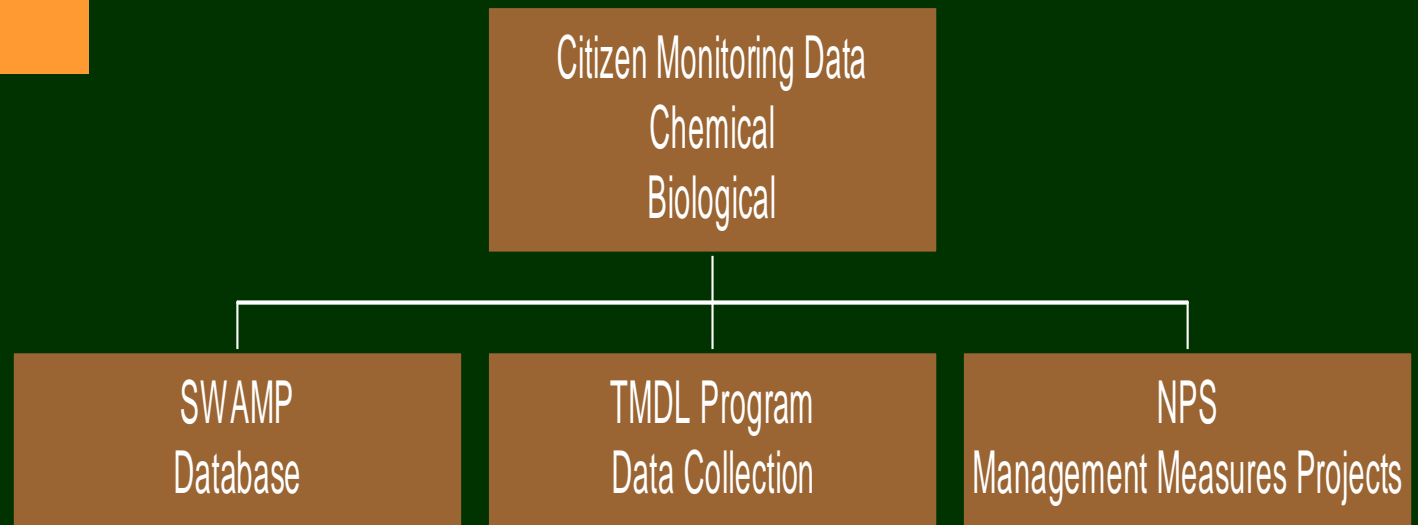
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Resources cont....Citizen Monitoring Data Sharing

CWT Program



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CWT Citizen Groups Collecting Bioassessment Samples

- Region 5

- Upper Putah Cr. Stewardship – Lake Co.
- Dry Creek Conservancy – Placer Co.
- Friends of Deer Creek – Nevada Co.
- Friends of Bear River – Nevada Co.
- Friends of the South Fork of Kings River



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CWT Citizen Groups Collecting Bioassessment Samples

- Region 5
 - City of Lodi's Storm Drain Detectives - Lower Mokelumne River
 - El Dorado RCD Annual WES - SF Amer.
 - Upper & Lower Merced River groups
- Region 6
 - Truckee River Aquatic Monitors – Placer/Nevada Co.
 - Tahoe CWT - Placer/El Dorado Co.



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CWT Groups, cont...

- Region 4
 - Heal the Bay/Stream Team

- Region 8
 - Fisheries Resource Volunteer Corps.
 - Orange County CoastKeepers
 - East Valley RCD
 - Riverside Corona RCD



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CWT Groups, cont...

- Region 9
 - San Diego Stream Team
 - Mission Resource Conservation District
 - Audubon Society Starr Ranch



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CWT Groups, cont...

- Region 1

- City of Santa Rosa - High School Students

- Region 2

- Sonoma Ecology Center - active program
- Friends of the Napa River
- N. Bay Riparian Station/Marin Co. stormwater program
<http://www.mywatershed.org/bmi/>
- Contra Costa Flood Control - prop 13 grant



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CWT Groups, cont...

■ Region 2

- Saratogo Cr.. - Coyote Creek Riparian Station staff
- San Mateo Co. - UC Extension education program - Pescadero Cr.
- Sausal Creek - Arleen Feng

■ Region 3

- Monterey Bay Sanctuary Citizen Monitoring Network
- Santa Barbara ChannelKeepers



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Successes



- Technical support
- DF&G lab agreement
- Grant proposal support
- Enhanced Lending Library
- Monitoring & QAPP design support
- Training workshops
- Data sharing
- Getting professional folks involved



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Challenges



- Funding support (on-going)
- Volunteers recruitment
- Sustainable volunteer base
- On-going volunteer training
- Permission to cross private property
- Following QAPP protocol



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Challenges cont...



- Keying Samples to family (level 2)
- Data Management (home for data)
 - How do regions want bioassessment info presented?
- Processing of grant contracts
 - Scopes of work
 - Sufficient funds
 - Timely execution



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Conclusion



- Continued support is needed
- Create partnerships
 - Citizens can provide real savings and local knowledge
- Volunteer
 - Technical advisor
 - Lab and field QA/QC
 - Trainer



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THANK YOU



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