## Creating Capacity

Jack H. Gregg

#### California Coastal Commission

ASIWPCA Annual NPS Meeting

New Orleans November 27-29, 2001

## Creating Capacity means...

- Developing an infrastructure
- Developing a common understanding
- Changing Behavior

## Creating Capacity

- California NPS Plan combines elements of CWA
   319 and CZARA 6217
- Lead Agencies
  - California State Water Resources Control Board
  - California Coastal Commission

## Creating Capacity - CCC

- Guidance for Coastal Planners
- Training for Planners
- Workshops for Commissioners

## Creating Capacity - CCC

- Procedural Guidance Manual for Nonpoint Source Pollution Control
  - Coastal Development Permits
  - Local Coastal Programs
  - Federal Consistency

## Creating Capacity - State Agencies

- State Water Board and Coastal Commission
- Interagency Coordinating Committee (IACC)

#### Goals of the IACC

- Promote the watershed approach in addressing NPS pollution
- Promote statewide consistency
- Improve interagency coordination
- Provide a forum for resolving policy and programmatic conflicts among agencies

#### Goals of the IACC

#### "Hidden goals"

- Change Behavior of the agencies and their staff
- Make reduction of nonpoint source pollution a part of their agencies core values

#### IACC Participants

- Parks and Recreation
- Water Resources
- Boating and Waterways
- **(\*)** Conservation
- Fish and Game
- Forestry and Fire Protect.
- Food and Agriculture

- Transportation
- Toxic Substances Control
- Health Services
- Waste Management Board
- Pesticide Regulation
- State Lands Commission
- Forestry and Fire

## Creating Capacity - Local Agencies

- Local Assistance Grants
- Erosion and Sediment Control Workshops
- Model Urban Runoff Program

#### Model Urban Runoff Program

A How-To-Guide For Developing Urban Runoff Programs for Small Municipalities

#### What Is The MURP?

- Assists municipalities in developing nonpoint source pollution control programs
- Provides resources including
  - Model Ordinances, General Plan Language, Environmental Check Lists, Forms, Public Education Material, BMPs, Program Evaluation
- Includes information on Phase II Stormwater Permit program elements

#### **MURP Program Elements**

- Public Education and Outreach
- Public Involvement and Participation
- Illicit Discharge Detection and Elimination

#### **MURP Program Elements**

- Construction Site Storm Water Runoff Control
- Post-Construction Storm Water
   Management for New Development
- Pollution Prevention/Good Housekeeping for Municipal Operations

# Public Education Implementation Cost Estimate

Educational Material (All Bilingual)	Time Need	Cost	Source of Original	Material Quantity/ Cost	Labor Hours/ Cost	Total Cost
Brochure: "Monterey Bay Begins on Your Street"	4 hours	\$400/ 1000	MBNMS			
Brochure: Motor Oil Recycling	4 hours	\$200/ 1000	City of Watsonville			
Coloring Books	4 hours	\$450/ 1000	Joal Morris Illustration			
Radio Advertisement	1 hour	\$1,500- \$3,000	MBNMS			
Urban Watch Monitoring Program	4 hours	\$2,000	MBNMS/ Monterey			
Total for your Agency						

#### Creating Capacity - Public

- Boating Clean and Green
- Feedback on coastal development applications
- Outreach to watershed groups
- Monterey Bay Snapshot Day

#### Monterey Bay Snapshot Day

- One day "snapshot" of water quality in streams discharging to Monterey Bay.
- Organization by state, local and federal agencies; sample collection by volunteer
- 170 sites sampled by 125 volunteers.
- Analytes included coliforms, nutrients, DO, temperature, pH, conductivity and turbidity.

## Snapshot Day Organization

- Coordinated by
  - MB Coastal Watershed Council
  - Ocean Conservancy
  - Coastal Commission
- Supported by
  - Central Coast Regional Water Board
  - MB National Marine Sanctuary
  - State Water Resources Control Board



## Snapshot Day Elements

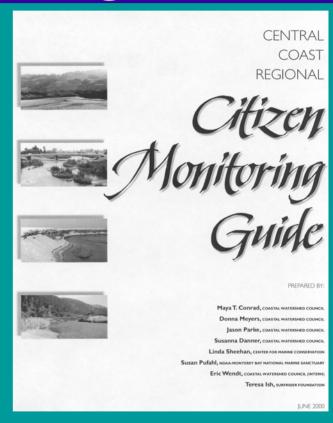
- Outreach and Recruitment
- Technical Training
- Snapshot Day Event
- Data Compilation and analysis

#### Outreach and Recruitment

- Coordinate multiple watershed groups within a region.
  - Ensure similar sample design and protocols
  - provide a forum for inter-group discussions and problem solving
  - provide statewide recognition of local efforts

#### Technical Training

- Provide a training day prior to the event on sampling protocols and Quality
   Assurance requirements
- Assure functionality and calibration of equipment
- Resulting in consistent data standards



## Snapshot Day Event

- Provide location maps
- Event Coordination Francis Beach
- Publicity
- Quality Assurance
- Data Entry



	hot Day 200	Marine Sanctuar 0 April 22, 2000		Country States ( Country for Warrier C Street, Stay Seel Seels See Congress Stock (See Street	
Watershed			Creek Name:		
Site ID	Site Location:				
Time of coll	Landon:		Group Leader:		
	*******	Volunteers (list full n	amesi:		
Weather Co	nditions privaci	1)		4)	
clear	feggy calm	2)		0	
perfly clouds		20		40	
dioutly	rain windy	3)		0	
		(list add names on b	seck)		
Was a same	oling device used?	If so, what kind?			
	amy certain sees.	Kammerer bottle	other.		
yes	100				
EQUIP ID	PARAMETI		UNITS		
EGOP IO	PARAMET	in.	(circle type of units)		
	Air Temperature		For C	Water Clarity (circle one	
	H2O Temperature		ForC	dear	
			1	cloudy	
	Dissolved Oxygen		mg/l ppm	turbid	
	1		strip meter	Lab sample collected	
_			,		
	Conductivity		pom pot uS mS	Yes No	
			1		
	Turbidity		JTU NTU		
Photo Point	Location/Subject:		Photo Number:	Photo Direction: Flagged	
Notes and/or Wildlife Observed: (include any equipment commentalproblems)		Fish Observed:			
(moude any	equipment comments	gruoiems)	(peachine rumber see	n, length of fish, and behavior)	

PRESS

R IMMEDIATE
RELEASE
Contacts:

Apr

il 19, 2001

VOLUNTEERS
TEAM UP FOR
THE SECOND
ANNUAL
SNAPSHOT DAY
WATER
QUALITY
MONITORING
EVENT
APRIL 21, 2001

#### Compile and distribute results

Oxygen Concentrations Among Stations

Oxygen Range

- Compile and QA data
- Data available to public and agencies
- Written report and online database

Central California Ambient Monitoring Program(CCAMP)

Volunteer Data Entry and Checking Tools

WATERSHED MONITORING NETWORK

MONTEREY BAY SANCTUARY CITIZEN

#### SNAPSHOT DAY 2000



Prepared sy: Kaitilin Gaffney, Center for Marine Conservation Ross Clark, California Coastal Commission Maya Conrad, Coastal Watershed Council Susan Pufahl, Monterey Bay National Marine Sanctuar

Funding for Snapshot Day was provided through a State Water Resources Control Board 319(h) grant.

## Creating Capacity-SWRCB

- Why is this important?
- Our authorities complement each other
- Different agencies with different mandates
- The next Mandate Determines Level of coordination

#### **TMDLs**

#### Creating Capacity

- The source of our continuing water quality problems is everybody.
- Enforcement will never be enough
- We have to change people's behavior