

# California Bay-Delta Program

## Watershed Program Multi-Year Program Plan (Years 6 – 9)

(State FYs 2005-06 to 2008-09; Federal FYs 2006 to 2009)

### Implementing Agencies:

Resources Agency

State Water Resources Control Board

Department of Water Resources

Department of Fish and Game

US Dept of Agriculture- Natural Resources Conservation Service

United States Environmental Protection Agency

United States Fish and Wildlife Service

The May Revision of the Governor's FY 2006 budget identifies three key activities for the CALFED Program that are to be accomplished by November 1, 2005. They are: an independent program and fiscal review; a re-focusing of the efforts of the California Bay-Delta Authority and the other CALFED state agencies; and the development of an action plan for long-term financing.

The outcome of these three activities likely will have considerable impact on how the CALFED Bay-Delta Program is implemented and financed in succeeding years. Therefore, although this Program Plan describes activities that are anticipated to occur during the next four years, the Authority is being asked to approve it based only on those activities scheduled to occur during FY 2006.

August 2005



# Goals, Objectives and Targets

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## Goals and Objectives:

The purpose of the Watershed Program is to aid in achieving the overarching goals of the California Bay-Delta Program, by working with local communities at the watershed level.

The CALFED Record of Decision (ROD) identified two commitments to be met by the program.

- Establish a grant program to solicit, evaluate and fund local projects that contribute towards achieving California Bay-Delta Program goals.
- Develop Watershed program performance measures and monitoring protocols consistent with the Science Program.

In addition to these two major commitments, the program has and will continue to carry out a range of program activities designed to achieve the following broad goals and objectives as stated in the Watershed Program Plan.

- Provide assistance, both technical and financial, for watershed activities that help achieve the mission and objectives of the California Bay-Delta Program as a whole.
- Promote collaboration and integration among existing and future watershed programs at all levels.
  - Help develop, adopt, and apply watershed monitoring and assessment protocols at the watershed level.
  - Integrate the watershed program with other California Bay-Delta Program efforts.
  - Better define and determine the relationships between watershed processes and the goals and objectives of the California Bay-Delta Program.
  - Facilitate, and improve coordination, collaboration, and assistance among government agencies, other organizations, and local watershed groups.
  - Support focused education and outreach efforts.
  - Implement a strategy that will ensure support and long-term sustainability of local watershed management efforts.

Working through the BDPAC Watershed sub committee and Interagency Watershed Advisory Team (IWAT) a set of implementation priorities for the next two to three years has been identified. (See attachment one).

**Implementation Priorities (Years 6-9):** Priorities will be pursued to the degree that they contribute to the goals of the CALFED Bay-Delta Program and the Watershed Program objectives.

- Broaden participation in watershed partnerships to improve community capacity to manage watersheds and achieve desired conditions.
- Encourage more communities to become involved in watershed management and assist with achieving goals of the Bay-Delta Program.
- Advance the application of science among watershed partnerships through education, and improved tools and information.
- Foster and support strategies to ensure long-term sustainability of watershed activities.
- Maintain and enhance the communication network among the watershed stakeholders to ensure continued information exchange and collaboration.
- Integrate Watershed Program implementation with the other CALFED program elements to ensure that the benefits of local stewardship are more fully realized and each program's effectiveness is enhanced.
- Align activities of agencies, the CALFED Watershed Program and other entities to achieve mutual objectives and to enhance the ability of the implementing and cooperating agencies to manage the Watershed Program.

## Targets:

The ROD includes a limited set of targets for the Watershed Program. These targets included funding levels for “Stage 1”, and the development of more specific performance measures to gauge program accomplishments. In turn the program worked with our agency partners and stakeholder community to develop a specific set of “Initial Program Priorities” that have guided the conduct of 3 grant cycles and other actions carried out by the program. The program agreed to pursue these initial priorities for the first three years of program implementation.

The program established a process and time table to evaluate what the program has done to address these initial priorities, and the performance of program actions in meeting objectives related to these priorities. The outcome of this process is a refined or modified set of program priorities and a specific set of performance targets to gauge progress in addressing those priorities.

Work continues to evolve in an effort to develop targets related to program performance (See performance measures section for additional detail).

## Performance Measures:

The program, with limited assistance from the Science Program, has identified a potential set of Performance Measures using a broad program performance matrix display ( see appendix). Performance measures translate program goals and objectives into measurable benchmarks of success. Performance measures range from relatively simple metrics to complex cross program assessments. As such, current work on performance measures include counting available metrics while laying the technical and scientific groundwork to perform more complex assessments later.

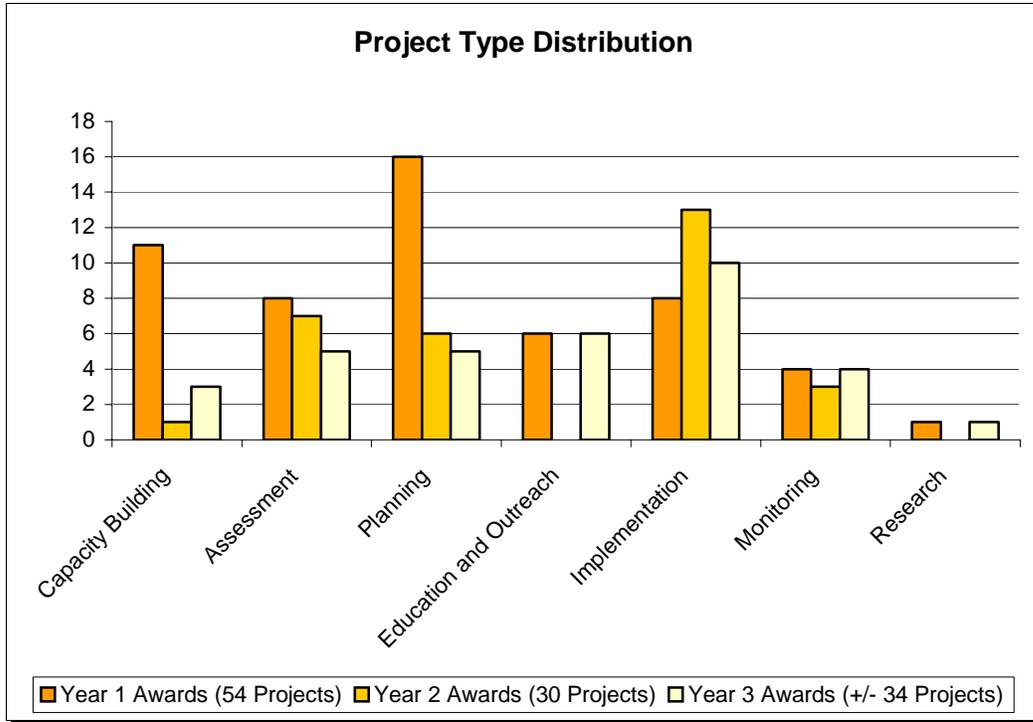
The Watershed Program has continuously worked to identify performance measures for the program. The Science Program has articulated three levels of Performance Measures. These will be refined as they are tailored for the unique needs of each program. An initial evaluation of Program performance was conducted during year 4 of implementation (see appendix). The examples cited below come from that initial program performance evaluation.

For the Watershed Program, examples of performance measures include:

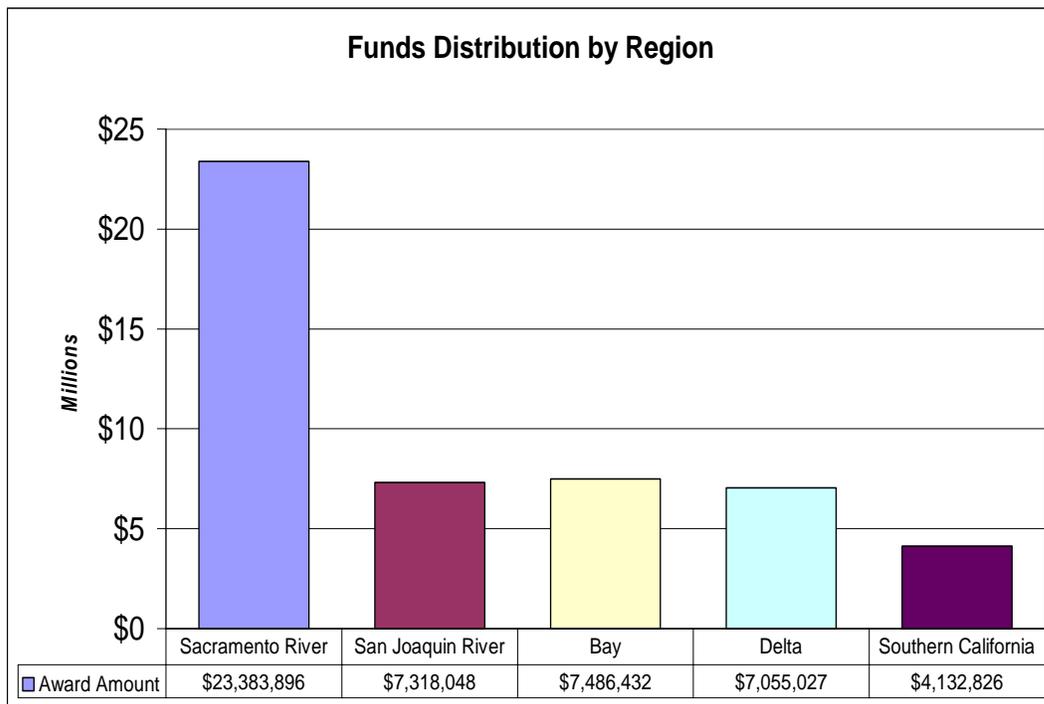
- **Level 1:** Simple administrative measures. Site-specific indicators that track direct responses of specific projects or groups of projects such as:
  1. number of dollars spent- (total, by project type, regional distribution, multi objective projects)
  2. number of grant projects funded
  3. number of grant projects completed
  4. the direct products or deliverables from each completed project.

Examples:

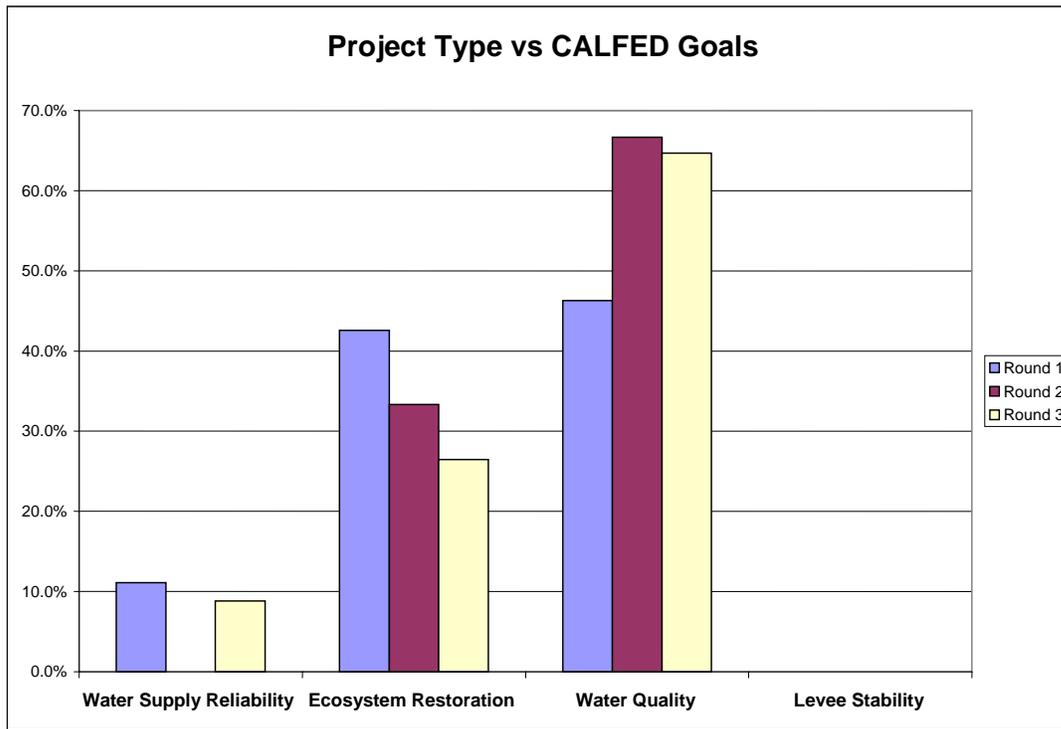
Grant fund distribution by project type



Fund distribution to grant projects by region



## Grant Projects with multiple objectives



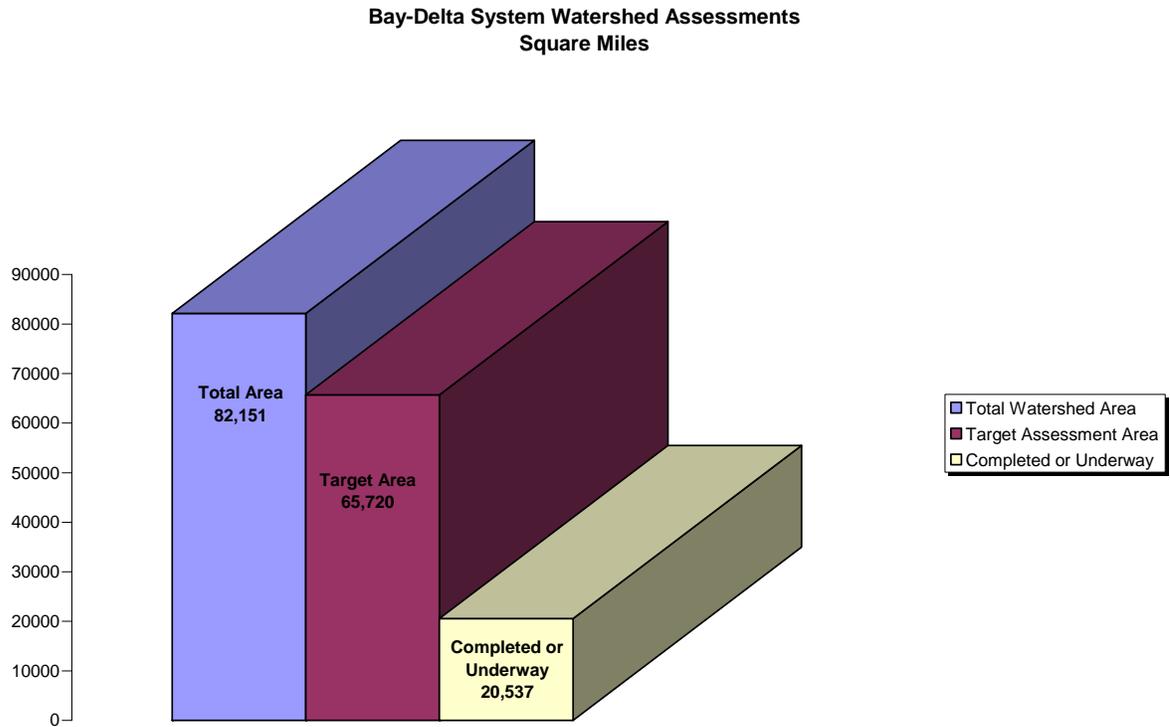
- **Level 2:** Quantifiable accomplishments directly related to program actions. Indicators that track the responses of groups of projects on a local or regional level.

From the performance matrix, the program has selected a set of 'initial indicators of program performance'. The program will focus attention on these initial measures to establish baseline values associated with the appropriate indicator and the necessary metrics needed to calculate program performance associated with these indicators. The initial Level 2 indicators of program performance that will be the focus of staff and agency attention in Year 6 are:

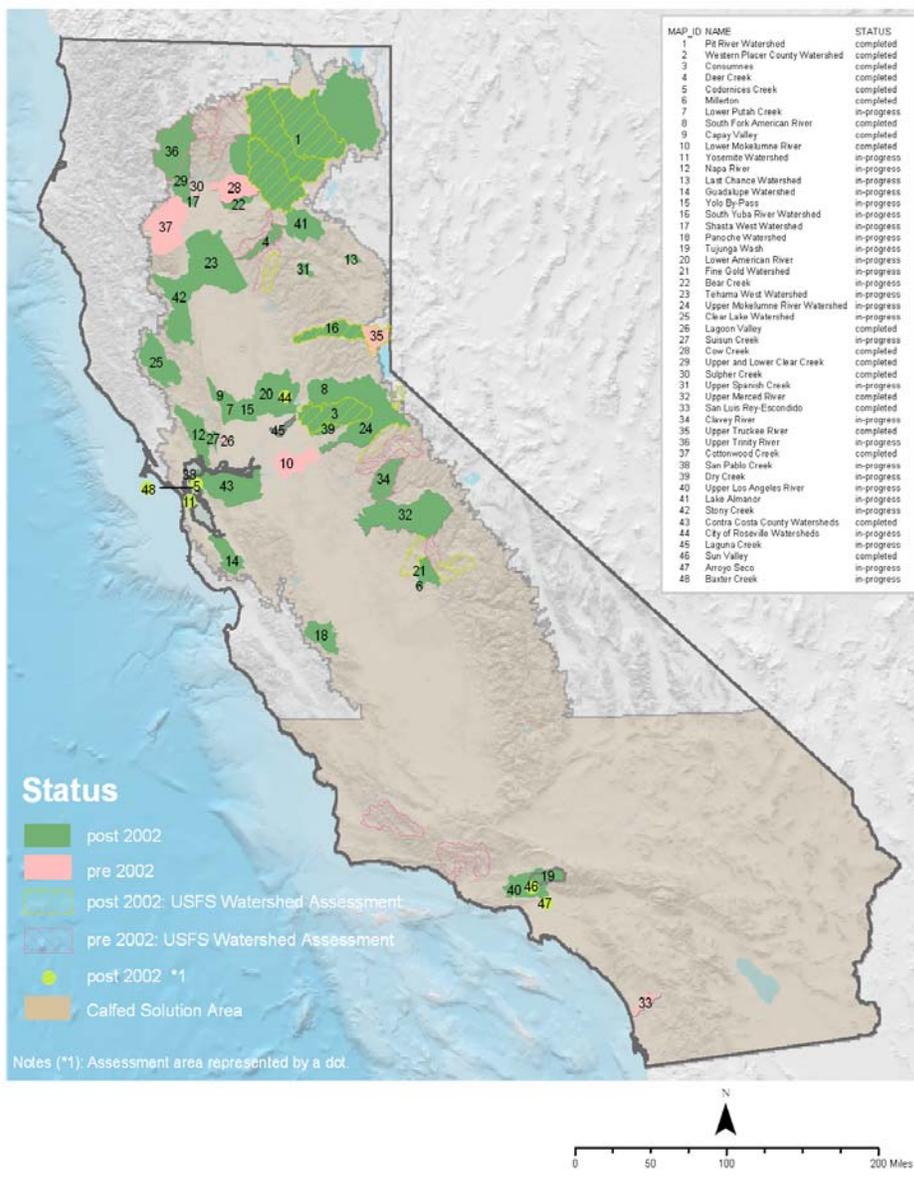
1. Improved technical assistance delivery to local watershed efforts
2. Continuity of local watershed management initiatives
3. Extent of watershed assessments completed in the Bay Delta system

**Example:**

Extent of known Watershed Assessments within the Bay Delta system and program progress



# Watershed Assessment Status DRAFT



- **Level 3:** System-wide indicators. Indicators that track broad, often complex, responses of groups of projects (such as water supply reliability or ecosystem health).

A number of regional or statewide efforts are underway or proposed, (California State Agency Watershed Management Strategic Plan: 18 Month Action Plan (March 2005); CALFED Science Program; Sacramento River Watershed Program); each with a common interest to develop or identify system wide measures and indicators of ecosystem/watershed health. At the present time, the Watershed Program anticipates that the majority of work needed to develop the programmatic set of level 3 indicators for the CALFED Watershed program will emerge from one or more of these external efforts.

# Accomplishments

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**Provide assistance, both technical and financial, for watershed activities that help achieve the mission and objectives of the California Bay-Delta Program as a whole.**

**Financial Assistance-** The Water Boards are funding 227 projects (\$29 million) to assess the health of watersheds and develop plans to protect and restore them. 118 projects (\$40 million) are being implemented to reduce the loads of pollutants impacting California water resources and 69 projects (\$32 million) are restoring impacted waterways and wetlands. Many projects (157 / \$14 million) include activities to prevent pollution and educate people to reduce the generation of non point source pollution.

Of these projects, 12 projects (\$10.6 million) from 02-03 and 13 projects (\$11.0 million) from 03-04 funded with Prop 13 funds are specifically for implementation of the Cal FED Watershed Program. An additional 19 projects (\$12.3 million) were awarded grants to support implementation of the CALFED Watershed Program from Prop 50 (Chapter 7(f)).

The 03-04 Watershed Program grant cycle occurred as part of a consolidated grant proposal process administered by the SWRCB. Within this consolidated process proposals were considered for California Bay-Delta Program Watershed and Drinking Water Programs; the State Water Resources Control Board's (SWRCB) Non-Point Source, Coastal Non-Point Source, and Watershed Protection programs, ; and the federal EPA 319H program. Approximately \$32 Million dollars of Prop 13 (\$12M) and Prop 50 (\$20M) for the Watershed Program were offered through this consolidated process.

**Financial Assistance-**Nearly all 54 projects receiving awards from the Watershed Program's 2000-2001 annual grant cycle were completed by June 2005. From these grants there were 14 projects that included development of watershed assessments. These ranged from the 3,123 square miles of the Pit River Watershed in Modoc, Lassen and Shasta Counties in the Sacramento Valley Region, to the 4.4 square miles of the Sun Valley Watershed in Los Angeles County. In all, watershed assessments were completed covering approximately 10,000 square miles in a number of the hydrologic regions of the CALFED solution area.

**Financial Assistance -** Development of watershed management plans was another important activity supported in the initial PSP. There were approximately 22 projects in which development of a watershed management plan was the primary activity. Watershed management plans were developed in watershed throughout the CALFED solution area. In all, watershed management plans were completed covering approximately 15,600 square miles in various watersheds in each of the CALFED regions.

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**Technical Assistance-** Made funding available, beginning in 2003-2004 to the Department of Conservation (DOC) to allow DOC to continue providing its Watershed Coordinator Grants Program. DOC conducted a proposal solicitation for new Coordinators, with grant recommendations going to the Authority in April 2004. With concurrence from the Authority, the DOC made awards for 47 new Coordinators positions located throughout the solution area. DOC reports the following progress related to these new awards:

\$6,288,037 of other grant and project funds brought into the program by the Coordinators. 9 River or creek clean up events have been conducted, 2 watershed assessments or plans completed, 19 restoration projects completed (barrier removal, riparian enhancements) 2 projects involving the removal of non-native invasive species, 8 projects involving either the creation or coordination of citizen water quality monitoring activities and another 8 workshops or training events related to water quality monitoring.

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**Technical Assistance-** In the past year, CDF began the systematic capture of Timber Harvesting Plans (THPs) in GIS for the northern portion of the CALFED Solution Area. CDF has spatially captured at least ten-years of THP history for most of the rest of the state. CDF develops these spatial databases, updates them over time, and makes them available to any party. THP history is an important input for watershed assessment.

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**Technical Assistance-** Over the past year The Dept of Forestry's FRAP (Fire and Resource Assessment Program) has provided technical assistance to a number of groups conducting watershed assessments funded through the Watershed Program. These watershed groups include the Millerton Watershed Association, the Butte Creek Watershed Council, and the American River Watershed Council. Support was provided both in the use of GIS data layers that are developed and maintained by FRAP and on resources assessment issues. Evaluating sources of sediment and interpreting GIS layers for vegetation and fuels were common areas where support was provided.

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**Technical Assistance-** Working with the University of California, Davis, and an agency and stakeholder steering committee, CDF has completed the California Watershed Assessment Guide and the first eight of nine chapters of Volume I of the California Watershed Assessment Manual. These documents are available on the Web at <http://cwam.ucdavis.edu>. When Chapter Nine is finished in the near future, copies of Volume I will be produced and disseminated on CDs and limited copies in printed form. Work is under way on Volume II, which will provide details on more technical watershed assessment approaches.

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**Technical Assistance-** In the past year, CDF and its cooperator, the USDA Forest Service, completed the baseline vegetation data collection for 8-million-acres of upland watershed lands in the CALFED solution area ([http://www.frap.cdf.ca.gov/projects/land\\_cover/index.html](http://www.frap.cdf.ca.gov/projects/land_cover/index.html)). This work establishes a baseline vegetation database in the Bay Area, South Sierra and Central Coast project areas (see accompanying map). This work is conducted in accordance with the CDF/USFS "Coordinated Schedule for Imagery Acquisition, Change Detection, Map Updating and Inventory Re-measurement". The resulting data facilitates cooperative, ecologically based planning and decision making and provides for more effective watershed management and fire protection. accurate monitoring of vegetation from the scale of the river basin to more localized areas is critical for assessing water quality and quantity issues in the CALFED area.

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**Promote collaboration and integration among existing and future watershed programs at all levels.**

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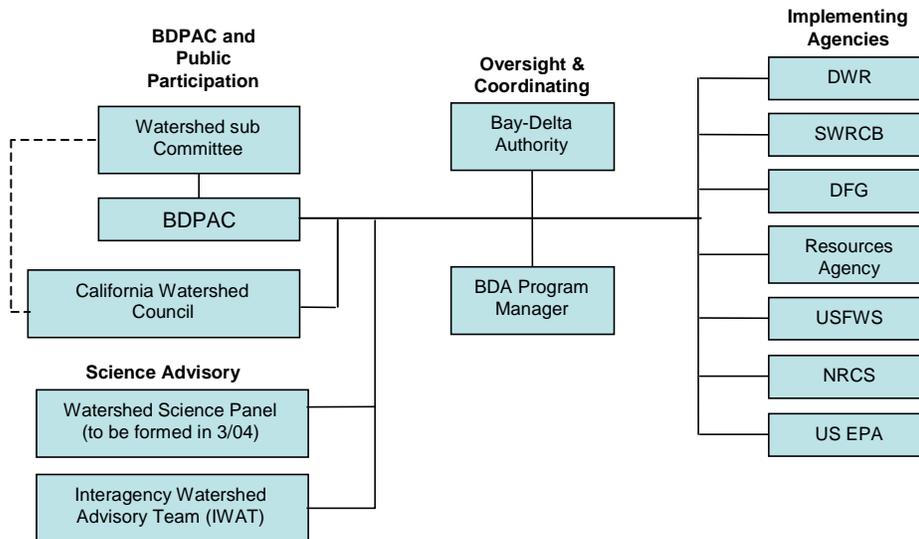
The Bay-Delta Public Advisory Committee (BDPAC) Watershed subcommittee continues to meet to promote outreach with potential partners and others interested in the California Bay-Delta Program.

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DWR and the US Environmental Protection Agency (EPA) have reconvened the Interagency Watershed Advisory Team (IWAT), with a primary purpose to assist the Watershed Program to develop and update program plans and increase the involvement of science into the program. IWAT has been responsible for developing the current Multi-year and program plan.

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# Program Structure



Agency	Roles and Responsibilities
California Bay-Delta Authority	Program oversight and coordination.
Department of Water Resources	Implementing agency; Co-chair IWAT.
U.S. Environmental Protection Agency	Implementing agency; Co-chair IWAT.
State Water Resources Control Board	Implementing agency.
California Department of Fish and Game	Implementing agency.
Resources Agency	Implementing agency.
U.S. Fish and Wildlife Service	Implementing agency.
Natural Resources Conservation Service	Implementing agency.

# Major Activities

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Provide assistance, both technical and financial, for watershed activities that help achieve the mission and objectives of the California Bay-Delta Program as a whole.

**Financial Assistance** – The ROD commits the Watershed Program to carry out an annual grants program through Stage 1. This annual program is carried out in a coordinated fashion with other watershed and non-point source program grant activities. The remaining Authorized funding from Chapter 7 of Proposition 50 (Prop 50) programmed for competitive grants is approximately \$25.0 million. \$19 million dollars of this total was budgeted to DWR in 04-05. The remaining \$6.0 million is carryover funding from an 03-04 appropriation to the SWRCB. Approximately \$9 million of this total was programmed for commitment in 04-05, however a grant program was not carried out. Therefore the remaining amount available for competitive grants (\$25.0 M) will be made available during future grant cycles planned for 05-06 and 06-07, and perhaps beyond.

**Grant Program/Annual RFP** – Activities supported through the annual grant program primarily address local watershed communities. The grant program will strive to provide consistent funding from year to year and to avoid dramatically different funding levels in consecutive years. Based on anticipated available funds the program plans to make approximately \$6-9 million available per year over a three year period which began in Year 5 (05-06) This funding will be for agreements that would allow 3 years to expend the funds. These funds will come from unexpended Prop 50, Chapter 7 funds (\$19m in DWR allocation for FY 04/05 and \$6.0m in unexpended SWRCB allocation from FY 03-04 ).

- Develop specific criteria to direct a significant portion of funds towards watershed assessment, planning and monitoring, while leveraging other funds for implementation, consistent with the following:
  - Building community capacity to improve watershed conditions, particularly among communities where the Watershed Program and other CALFED Elements, have identified the need for such capacity (e.g., San Joaquin River watershed).
  - Broadening participation in their watershed community partnerships (e.g., local partnerships expand to include land management and land use planning agencies),
  - Encouraging watershed assessment, planning, monitoring, and performance measurement activities.
  - Supporting partnerships that link science-based assessment and monitoring with management and restoration in an adaptive management cycle.
  - Supporting watershed partnerships that have a strong link to achieving multiple objectives, particularly other CALFED program objectives, such as those related to the ecosystem, drinking water and water supply reliability objectives.
  - Encouraging watershed partnerships to address long-term organizational and financial sustainability beyond support from grants.

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- Expand and build upon the solicitation and selection process, based on assessments of previous grant programs (e.g., CWC, SWRCB), to ensure a high level of “transparency” that provides for appropriate public input.
    - Consider, and implement, if appropriate, (2) regionalized review/selection panels.
    - Establish effective fiscal management mechanisms to ensure ease, efficiency, accountability and effectiveness.
  - Provide support for developing grant applications to grant program applicants.
  - Coordinate with other funding sources to ensure user-friendly processes.
  - Annually forecast the funding level anticipated for the next five years for watershed work.

**Year 6-** The program plans to continue with an annual grant cycle by carrying out a fourth round of grants during year 6. The Program is considering a “focused” grant program, with emphasis on the development of watershed assessments, plans and monitoring activities closely tied to Watershed and other Bay Delta program objectives. The Program anticipates making at least approximately 6 million dollars available for competitive grants during this year. At the present time the SWRCB has been identified as the implementing agency responsible for administering the next grant cycle for the Bay Delta Watershed Program. In addition to the SWRCB planned cycle, DWR intends to run a grant cycle in 05-06 (using 04-05 appropriations) if the technical assistance funding request for DWR, denied in the budget bill, is reinstated. If the technical assistance funding is not reinstated, DWR will delay offering grants until 06-07 or beyond. If we choose to administer a grant cycle this year, they will coordinate the solicitation with the SWRCB, with the expectation of an award decision in May 06 (encumbrance in June).

**Schedule:** Years 6 through 9

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**Directed or Agency managed actions** – The program is working through the Interagency Watershed Advisory Team (IWAT) to design and gain approval of a process to identify, develop and authorize directed actions. When this process is in place a number of potential directed actions may be considered.

**Year 6-**

- Continue and enhance the Watershed Subcommittee meetings and activities.
- Continue support for local watershed coordinators through the Department of Conservation grant program.
- Establish watershed assistance teams to provide necessary technical assistance.
  - Develop a plan to solicit proposals to provide a wide range of necessary enhanced assistance, including needs identified below
- Consider and discuss potential additional directed actions including, but not limited to:
  - Providing guidelines or a primer for watershed assessment.
  - Conducting a social science performance measures workshop.
- Identifying and supporting key education and outreach activities.
  - Address theme of “from the ridge tops to the ocean.”
  - Identifying and supporting key watershed science activities (e.g., DWR/USGS gauging stations, watershed data sets, etc.).

**Schedule:** Years 6-9

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**Technical Assistance** – DWR , (SWRCB and select regional boards??) CDF and CDFA will continue providing a base level of technical assistance to support program implementation activities.

**Year 6-** The existing expenditure plan for Prop 50 identifies continued funding for DWR, CDF, and CDFA to support at least some of the technical assistance needs of the program. In addition, the program will work to better connect available technical assistance within the solution area to the needs for this assistance at the local level. The purpose of this effort will be to:

- Enhance the level of technical assistance as it pertains to:
  - Assessment, planning & monitoring (e.g., hydrologic and water quality data collection).
  - Regulatory compliance (e.g., CEQA/NEPA and permits)
  - Program/project/grant management.
  - Data development and management.
  - Facilitation and partnership building.
  - Organizational development.
  - Long-term organizational sustainability of watershed activities.
    - Share successful local funding examples.
    - Provide guidance/materials.
    - Consider training/workshops.
    - Environmental justice and community impacts.
    - Improved mapping with watersheds and environmental justice community concerns.
  - Consider providing an orientation for every funded project and ongoing support, as well as proposal preparation assistance.

Provide assistance as identified above through:

- Establishing a watershed assistance team (see directed action above).
  - Facilitate access for local communities to various agencies' experts.
- More effectively and efficiently using the Internet to disseminate information.
- Providing an orientation for every funded project, and on-going support.
- Establish a Watershed Program science advisory panel.
- Encourage a higher level of coordination between all levels of educational institutions and local watershed activities.
- Establish a mentor program for local watershed management entities to learn from each other and seek additional mechanisms to promote "watershed to watershed" learning.

**Schedule:** Years 6-9

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**Technical Assistance** – Department of Conservation (DOC) will continue implementation of the "Watershed Coordinators Grant program" within the California Bay-Delta Program solution area.

Year 6- DOC has all contracts in place. These contracts are supporting the selected Coordinators for a three year term which began in year 5.

**Schedule:** FY 03-04 through FY 05-06

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**Science and Monitoring** – The program will undertake actions designed to increase the level of science and scientific involvement in the program. Planned actions include: working with the Water Management Science Board to address key questions of the watershed Program; sponsoring workshops to discuss appropriate metrics for social science indicators;

**Year 6-** Significant progress on this activity was planned for Year 5, however delays have occurred. The Program has reconsidered its intent to have a Program Science Advisory Panel.. The existing Water Management Science Board has offered assistance to address several key science questions associated with the watershed program

**Schedule:** Dependent on availability of Water Management Science Board

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**Promote collaboration and integration among existing and future watershed programs at all levels.**

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**Education and Outreach** – The program will continue to sponsor and conduct “Watershed Partnership Seminars”. Effort will be made to-

- Provide better notice and more frequent notice of scheduled seminars.
- Consider, and implement if appropriate, a session for managers and decision makers.

**Year 6-** Two seminars are planned during Year 6, the first will take place no sooner than October of 2005, with the second later in the Spring of 2006.

**Schedule:** Two times per year through year 9

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**Public Involvement and Stakeholder Consultation** – Public involvement in program implementation activities will take place through the BDPAC watershed subcommittee, BDPAC, and the new California Watershed Council. The Bay-Delta Authority and implementing agencies will continue to provide staff support and assistance to the BDPAC and its watershed subcommittee.

**Schedule:** Through remainder of Stage 1

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**Environmental Justice** – The Watershed Program will provide direct support to help implement the environmental justice subcommittee program plan. The Watershed Program and implementing agencies have also established criteria to help ensure the achievement of environmental justice objectives.

**Schedule:** Through remainder of Stage 1

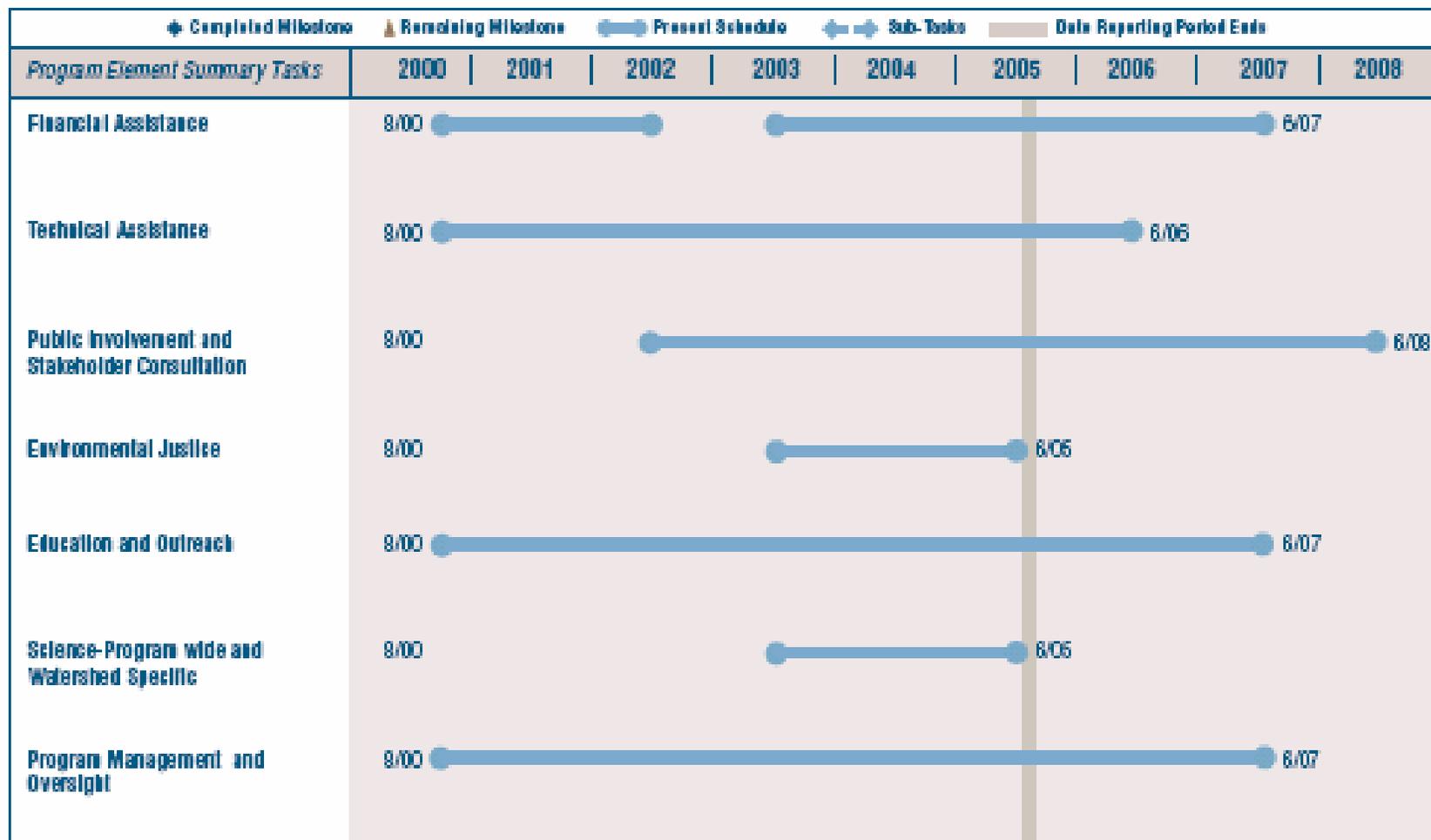
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**Integration of Cooperating Agencies** – The Watershed Program involves cooperating agencies through the Interagency Watershed Advisory Team (IWAT). Several cooperating agencies, including the CDF, Central Valley Regional Water Quality Control Board (RWQCB), Dept of Parks and Recreation, the US Forest Service and the Bureau of Indian Affairs (BIA), are involved through the IWAT.

**Schedule:** Years 6 through 9

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# Schedule



# Integrating Science, Environmental Justice and Tribal Relations

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## Science:

### Independent Science Panel

Past program efforts to establish an independent Science advisory function for the Watershed Program have been unsuccessful. With the formation of the Water Management Science Panel, a new strategy to enhance science involvement in the Watershed program has emerged. The Water Management Science Board has proposed the formation of a watershed committee within their existing Board structure. The committee will be a subset of existing WM board members, supplemented as needed with others disciplines. The plan calls for this committee to be formed and functioning by the beginning of year 6.

The Watershed Program plans to engage this committee to:

- Assist in formulating a set of key issues, questions, and processes relating to watershed management.
- Assess the contribution of watershed management to the goals and objectives of the Bay-Delta Program which will contribute toward the Science Programs development of Level 3 Performance Measures.
- Develop a co-adaptive conceptual model for the Watershed Program to be used as the framework for future adaptive decision making by the implementing agencies and partners involved with management activities.

## Watershed Program Science Table

Major program activities, Years 6-9	Studies and research	Analysis of existing data	Science Communication	Monitoring	Peer review	Use of Science Boards and technical experts	Cross-program coordination (note which program)	Estimated funding for science portion of this activity
Financial Assistance for Watershed Activities (Grant Program/Annual RFP)	X	X		X				+/- \$1M
Technical Assistance to local communities				x				
Technical Assistance - "Watershed Coordinators Grant program"								
Science and Monitoring	X					X		+/- 200K
Education and Outreach								
Public Involvement and Stakeholder Consultation								
Environmental Justice								
Integration with Cooperating Agencies								

### Descriptions:

For each activity in the table above, please describe briefly how it fits the definition of the column heading.

**Financial Assistance for Watershed Activities (Grant Program/Annual RFP):** Major program emphasis has been placed to assist with the development of scientific valid watershed assessments. Specific grant investments have been made and will be made to develop scientific tools, methods, guidance and approaches needed to improve the scientific validity of program supported watershed assessment activities

**Technical Assistance to local communities:**

**Technical Assistance - "Watershed Coordinators Grant program":**

**Science and Monitoring:** The program will continue participating in and supporting efforts to develop "Watershed health indicators" and develop performance measure that will help determine the contributions of state program efforts to improve watershed conditions.

**Education and Outreach:**

**Public Involvement and Stakeholder Consultation:**

**Environmental Justice:**

**Integration of Cooperating Agencies:**

## Environmental Justice:

The Watershed program continues to work closely with the BDPAC Environmental Justice (EJ) Subcommittee in carrying out actions from the BDPAC-approved EJ workplan. Foremost among these actions include, improved mapping of communities and watersheds with EJ concerns. The Department of Forestry and Fire Protection (DFFP) has been working with the EJ Coordinator and Subcommittee to design a GIS tool focusing on EJ attributes of communities within the CALFED solution area. While many EJ-related GIS tools already exist, this one was designed to be a simple mapping device that would show social, demographic, health, and other related attributes of populations adjacent to or near CALFED projects. After several planning meetings and two presentations before the EJ subcommittee, a sample tool was developed using two project areas – West Oakland and the McCloud River Watershed. Both areas are of particular importance to CALFED'S EJ work because relations with Urban Releaf (a nonprofit urban forestry group – funded in part by the Watershed Program) and the Winnemem Wintu Tribe who have been working with the EJ Coordinator and subcommittee regarding their concerns over potential raising of the Shasta Dam. The sample tool demonstrated someone could use the maps to learn information about the populations in the area. Designed to be user-friendly, the sample showed how the EJ attributes could be regularly updated and expanded in scope. The idea is to include this GIS tool on the CALFED website and to encourage its use in relation to all programmatic activities- as part of the ROD commitments to integrate EJ across all program elements. At this point additional funding (\$50,000 approx) needs to be identified to continue mapping other areas. Recent work products from Watershed funding grantees have demonstrated a high level of awareness on this issue.

The Watershed program will continue to support improvements and refinements in the PSP process. Criteria reflecting EJ concepts and principles must be part of what all grant applicants consider in watershed planning to help assure that the multiple benefits of program actions are distributed equitably within communities in the watersheds. In the past, this has helped to assure that watershed grant funding is distributed in underserved, underrepresented and environmentally overburdened communities. This has allowed community-based organizations with little formal experience to refine and improve their abilities to serve their watersheds more effectively. While this work needs to continue, there should be a greater emphasis on outreach and training regarding the PSP process so that funding can be distributed even more widely. It is also important to make certain that EJ interests are represented on PSP review panels as well. Because of the Watershed program's solid experience and relationships with a wide range of different watershed communities, they should take the lead in providing more technical assistance to grant proposal applicants – as well as follow-up with unsuccessful applicants to encourage their continued interest in the program and in the value of watershed restoration activities.

The Environmental Justice subcommittee further encourages the Watershed program to recognize and identify actions to support the continued use of local volunteers in watershed and other restoration work. Much of the work done in restoration activities requires dedicated and dependable volunteers. The volunteerism often allows youth, community members and those with limited time and experience to still play a meaningful role in their communities' efforts. This concept embraces environmental justice principles of inclusion and participation at the local level. It is important to maintain processes that open CALFED activities, programs and projects to as many interested stakeholders as possible.

## Tribal Relations:

The CALFED Record of Decision made the following commitment to tribal consultation: "The CALFED Agencies will actively engage federally recognized tribal governments in the planning and development of specific projects in their areas and will consult with such tribes on a government-to-government basis, to the greatest extent practicable and to the extent permitted by law, prior to taking actions that affect such tribal governments.

The following items submitted by the CALFED tribal Coordinator are suggested to help foster more meaningful tribal input and participation on issues or concerns of the tribes. These items will be evaluated by the Program to determine their potential value in meeting program commitments to Tribes and furthering the implementation objectives of the program.

- Tribal MOU'S/Programmatic Agreements (PA's)  
The entirety of CALFED's ROD is based on PA's, which can be used in addition to MOU's/MOA's during initial consultation and final decision-making.
- Grant opportunities/educational outreach  
Notify tribal governments of grant opportunities that promote watershed restoration on tribal and adjacent lands.
- Role of the Bureau of Indian Affairs (BIA)  
Although the BIA is not a member CALFED agency, it is the lead federal agency for the protection of Indian Trust Assets (ITA's). The BIA reviews Environmental Compliance documents of CALFED water projects impacting ITA's.
- Tribal Water Programs (Clean Water Act 106, 319H, etc.)  
The majority of California Tribes have developed USEPA Tribal Environmental Programs that have extensive water protection and water quality programs that should be taken into consideration during watershed restoration planning and implementation.
- Tribal Rep's on BDPAC decision-makers available  
The tribes have been involved with CALFED for a number of years. There are currently two tribal BDPAC members. The input of these members serving on the BDPAC should be made available to all tribes with the assistance of the CBDA's Tribal Coordinator.
- Stewardship  
Tribes are very aware of stewardship concepts and have formed partnerships with many local agencies and environmental groups to promote such concepts and on-the-ground watershed restoration projects.
- Tribal Water Quality Standards  
Some tribes have USEPA approved Water Quality Standards (WQS's) and many are in the process. The exchange and sharing of such documents are necessary when it comes to upstream and downstream impacts and/or cumulative impacts that affect the tribes.

# Cross-Program Relationships

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**Ecosystem Restoration (ERP)** – Collaborate to provide watershed program support to local communities in watersheds of key interest to the ERP. The programs are also working on cross program analysis, including contributions made toward achievement of shared water quality objectives, and total investments made in promoting community based watershed management within the Bay Delta solution area. In addition, The Watershed Program will contribute directly toward implementation of working landscape objectives by carrying out agreed to actions within the Bay-Delta Authority Program Plan.

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**Water Use Efficiency (WUE)** – Collaborate to provide watershed program support to local communities in watersheds of key interest to the WUE.

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**Drinking Water Program** – Close coordination through grant solicitation process. Watershed Program is interested in helping to develop partnerships and providing capacity building support for community based efforts in “source” area watersheds important to the Drinking Water Quality Program.

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# Funding

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<b>Watershed</b> (\$ in millions)	Yr 6	Yr 7	Yr 8	Yr 9	Total
State <sup>1</sup>	\$11.8	\$10.6	\$0.1	\$0.1	\$22.6
Local <sup>2</sup>	\$1.9				\$1.9
<b>Available Funding Total</b>	<b>\$13.7</b>	<b>\$10.6</b>	<b>\$0.1</b>	<b>\$0.1</b>	<b>\$24.5</b>

1. State funds reflect the \$4.93m from the final enacted budget in Year 6 (FY 05-06) for the California Bay-Delta Authority (Authority), Department of Water Resources (DWR), State Water Resources Control Board (SWRCB), Department of Forestry and Fire Protection (CDF), and Department of Conservation (DOC) and \$6.87m available from prior years. Governor's budget included a request for \$857,000 for DWR technical assistance support to the CALFED Watershed Program. This request was not approved in the 05-06 budget bill. If this funding request is reconsidered and approved, DWR will conduct a grant cycle in 05-06, offering approximately \$9 million from their 04-05 appropriations. This would result in an overall increase in State funding for the Watershed Program in the current year to \$21.6 million

2. Local funding is estimated at \$1.9 million for a grant match and are updated as information becomes available.

# Funding by Task

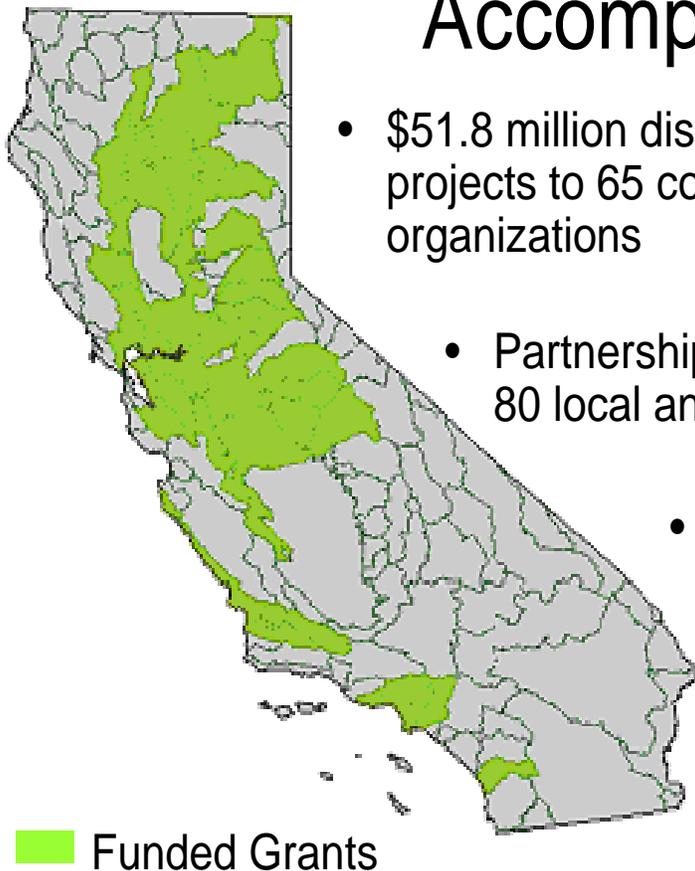
<b>Watershed</b> (\$ in millions)	Yr 6	Yr 7	Yr 8	Yr 9	Total
Watershed Projects and Local Activities	\$10.3	\$10.2			\$20.5
<i>Financial Assistance to Local Programs- Competitive grants<sup>1</sup></i>	\$6.7	10.2			
<i>Watershed Coordinator support</i>	\$3.2				
<i>Information Development and Management</i>	\$0.2				
<i>Education and Outreach to Local Communities</i>					
Other Program Components	\$1.5	\$.4	\$0.1	\$0.1	\$2.1
<i>Technical Assistance to Local Programs<sup>1</sup></i>	\$0.9				
<i>Program Management and Oversight</i>	\$.4	\$.4	\$0.1	\$0.1	\$.9
<i>Science</i>	\$.2				
<b>Available Funding Total</b>	<b>\$11.8</b>	<b>\$10.6</b>	<b>\$0.1</b>	<b>\$0.1</b>	<b>\$22.6</b>

1. May conduct a grant cycle in 05-06. If so, this action will increase the funding available for "Financial Assistance to Local Programs" from \$6.7 M to \$15.7 M, and "Technical Assistance to Local Programs" from \$.9M to \$1.7M. Includes agency costs for grant administration. Year 6 does not include distribution of local match funding of approximately \$1.9M.

# Geographical Distribution of Activities

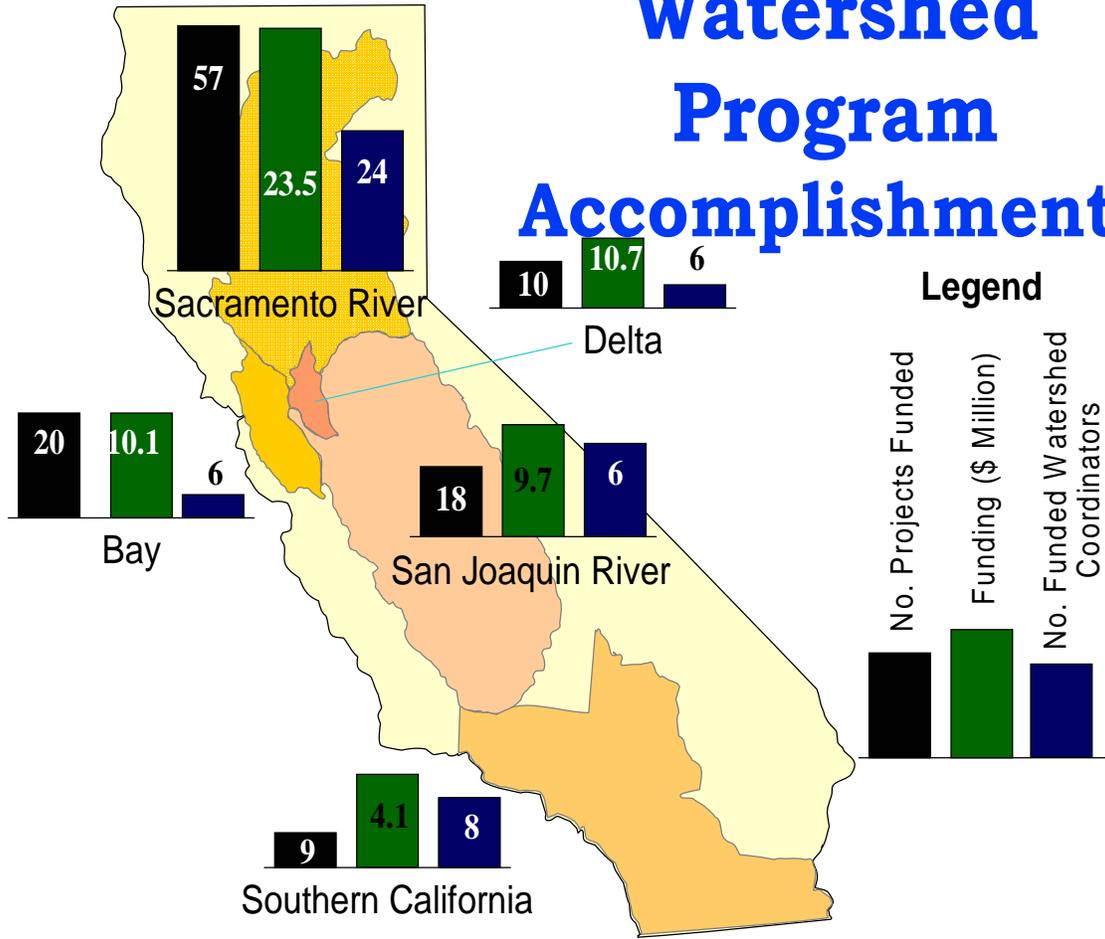
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## Watershed Program Accomplishments

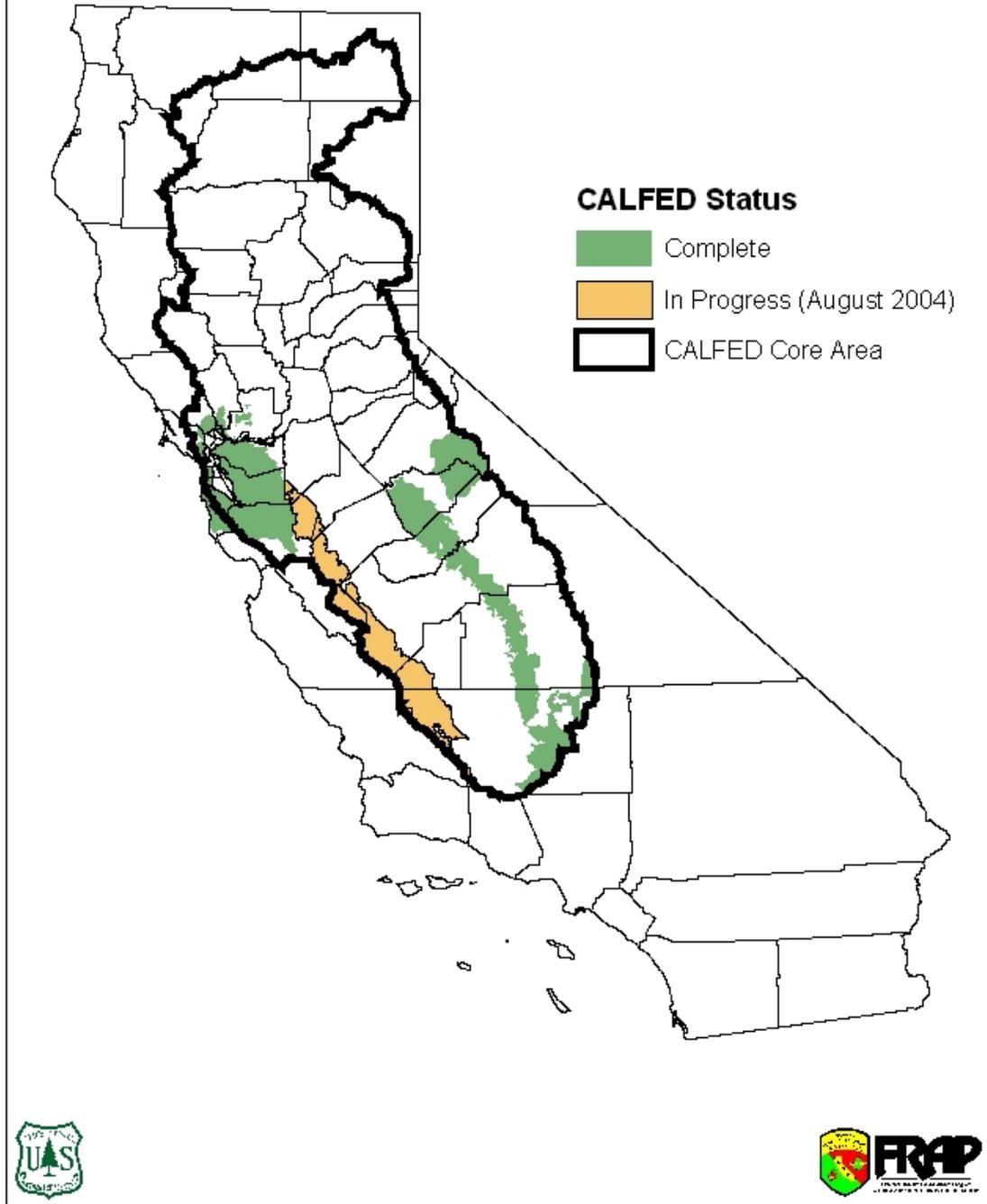


- \$51.8 million distributed through 118 grant projects to 65 community-based organizations
- Partnership Seminars have trained 80 local and agency personnel
- Support for 49 Watershed Coordinators through 05-06
- 9 million acres of vegetation mapped

# Watershed Program Accomplishments



## California Land Cover Mapping and Monitoring A Cooperative Program



## Attachment 1

### CALFED Bay-Delta Watershed Program

#### Implementation Framework for Years 5-8

June 22, 2004

*This framework outlines the priorities and activities incorporated into the Watershed Program Multi-Year Program Plan last year (Years 5-8). This framework was developed in collaboration with the Watershed Subcommittee and IWAT.*

**Program Objective:** To further the mission and goals of the CALFED Bay-Delta Program to maintain and restore ecological health and improve watershed management by working in partnership with communities at the watershed level. *(For more detail refer to the CALFED Bay-Delta Watershed Program Plan July 2000).*

**Implementation Priorities (Years 5-8):** Priorities will be pursued to the degree that they contribute to the goals of the CALFED Bay-Delta Program and the Watershed Program objectives.

- Broaden participation in watershed partnerships to improve community capacity to manage watersheds and achieve desired conditions.
- Encourage more communities to become involved in watershed management and assist with achieving goals of the Bay-Delta Program.
- Advance the application of science among watershed partnerships through education, and improved tools and information.
- Foster and support strategies to ensure long-term sustainability of watershed activities.
- Maintain and enhance the communication network among the watershed stakeholders to ensure continued information exchange and collaboration.
- Integrate Watershed Program implementation with the other CALFED program elements to ensure that the benefits of local stewardship are more fully realized and each program's effectiveness is enhanced.
- Align activities of agencies, the CALFED Watershed Program and other entities to achieve mutual objectives and to enhance the ability of the implementing and cooperating agencies to manage the Watershed Program.

**1. Grant Program/Annual RFP** – Activities supported through the annual grant program primarily address local watershed communities. The grant program will strive to provide consistent funding from year to year and to avoid dramatically different funding levels in consecutive years. Based on anticipated available funds the program anticipates making approximately \$9 million available per year in each of the next 3 years for agreements that would allow 3 years to expend the funds. These funds will come from unexpended Prop 50, Chapter 7 funds (\$19m in anticipated DWR allocation for FY 04/05 and \$7.7m in anticipated unexpended SWRCB allocation for FY 03 ).

- Develop specific criteria to direct a significant portion of funds towards watershed assessment, planning and monitoring, while leveraging other funds for implementation, consistent with the following:
  - Building community capacity to improve watershed conditions, particularly among communities where the Watershed Program and other CALFED Elements, have identified the need for such capacity (e.g., San Joaquin River watershed).
  - Broadening participation in their watershed community partnerships (e.g., local partnerships expand to include land management and land use planning agencies),
  - Encouraging watershed assessment, planning, monitoring, and performance measurement activities.
  - Supporting partnerships that link science-based assessment and monitoring with management and restoration in an adaptive management cycle.
  - Supporting watershed partnerships that have a strong link to achieving multiple objectives, particularly other CALFED program objectives, such as those related to the ecosystem, drinking water and water supply reliability objectives.
  - Encouraging watershed partnerships to address long-term organizational and financial sustainability beyond support from grants.
- Expand and build upon the solicitation and selection process, based on assessments of previous grant programs (e.g., CWC), to ensure a high level of “transparency” that provides for appropriate public input.
  - Consider, and implement if appropriate, (1) a continuous solicitation process, and (2) regionalized review/selection.
  - Establish effective fiscal management mechanisms to ensure ease, efficiency, accountability and effectiveness.
- Provide support for developing grant applications to grant program applicants.
- Coordinate with other funding sources to ensure user-friendly processes.
- Annually forecast the funding level anticipated for the next five years for watershed work.

- **2. Directed Actions** – Directed actions will be determined in consultation with the CBDA-BDPAC Watershed Subcommittee. Activities supported through directed actions will have broad benefits and address key Watershed Program needs.
  - Continue and enhance the Watershed Subcommittee meetings and activities.
  - Present Watershed Partnership Seminars (2/year)
    - Provide better notice and more often.
    - Consider, and implement if appropriate, a session for managers and decision makers.
  - Continue support for local watershed coordinators through the Department of Conservation grant program.
  - Establish watershed assistance teams to provide necessary technical assistance.
    - Develop a plan to solicit proposals to provide a wide range of necessary enhanced assistance, including needs identified below
  - Consider and discuss potential additional directed actions including, but not limited to:
    - Providing guidelines or a primer for watershed assessment.
    - Conducting a social science performance measures workshop.
  - Identifying and supporting key education and outreach activities.
    - Address theme of “from the ridge tops to the ocean.”
    - Identifying and supporting key watershed science activities (e.g., DWR/USGS gauging stations, watershed data sets, etc.).

### 3. Technical Assistance

- Enhance the level of technical assistance as it pertains to:
  - Assessment, planning & monitoring (e.g., hydrologic and water quality data collection).
  - Regulatory compliance (e.g., CEQA/NEPA and permits)
  - Program/project/grant management.
  - Data development and management.
  - Facilitation and partnership building.
  - Organizational development.
  - Long-term organizational sustainability of watershed activities.
    - Share successful local funding examples.
    - Provide guidance/materials.
    - Consider training/workshops.
  - Environmental justice and community impacts.
    - Improved mapping with watersheds and environmental justice community concerns.
  - Consider providing an orientation for every funded project and ongoing support, as well as proposal preparation assistance.
- Provide assistance as identified above through:
  - Establish a watershed assistance team (see directed action above).
    - Facilitate access for local communities to various agencies’ experts.
  - More effectively and efficiently using the Internet to disseminate information.
  - Providing an orientation for every funded project, and on-going support.
  - Establish a Watershed Program science advisory panel.

- Encourage a higher level of coordination between all levels of educational institutions and local watershed activities.
- Establish a mentor program for local watershed management entities to learn from each other and seek additional mechanisms to promote “watershed to watershed” learning.

#### 4. Program Management

- Enhance participation and collaboration of the implementing and coordinating agencies and other related programs.
  - Continue and enhance IWAT meetings.
  - IWAT Co-chairs will meet with key program managers.
- Integrate other cross-agency watershed efforts (e.g.: Biodiversity Council, California Watershed Council, CRMP TAC etc.).
  - BDPAC Watershed Subcommittee meeting will regularly include CWC agenda items.
  - Provide administrative and related assistance to CWC, where appropriate.
- Better coordination with other CBDA programs.
  - CBDA program elements will be asked to identify priorities for possible watershed program implementation.
  - The watershed program will encourage other programs to prioritize activities associated with local watershed capacity.
- Improve program self-evaluation process including development of an external evaluation process.
  - Include program performance measures of other CBDA program elements in conducting an evaluation process.
- Consider, and if appropriate, develop a co-adaptive conceptual model for the Watershed Program to be used as the framework for future adaptive decision-making by the implementing agencies and partners involved with management activities.

**Attachment 2**

“The watershed grant cycle will be implemented by DWR in 04-05 in conjunction with the urban streams grant program, and by SWRCB in 05-06 as a part of their consolidated non-point source and watershed grant solicitation as described in the following table. Prior to the 04-05 watershed grant cycle, DWR and the SWRCB will work cooperatively with the Interagency Watershed Advisory Team and the watershed subcommittee to define the priorities, schedule and criteria that will be used to select future Proposition 50 Chapter 7 watershed grants.”

FY 2004-05	FY 2005-06
Urban Streams Prop 40 \$4.5 M  CALFED Watershed Program Prop 50, Chap 7 \$9.0M	Urban Stormwater Prop 40 Chap 4 \$14.2 M  Integrated Watershed Program Prop 40 Chap 4 \$47.5 M  NPS Source Control Prop 40 Chap 4 \$33.1 M  319H (US EPA) \$3-5 M  CALFED Watershed Program Prop 50 Chap 7 \$7.75 M  CALFED Drinking Water Program Prop 50 Chap 5 \$1.8M
Lead Agency- DWR	Lead Agency- SWRCB