

South Bay Salt Pond Restoration Project Pre-Submittal Meeting



Agenda

- Introductions/Agenda (Nadine Hitchcock, 5 minutes)
- Project Overview (Marge Kolar, 20 minutes)
- Accomplishments to Date (Amy Hutzal, 10 minutes)
- Major Tasks and What We Are Looking For (Carl Wilcox, 15 minutes)
- RFS Process and Submittal and Interview Evaluation (Amy Hutzal, 10 minutes)
- Questions and Answers (Nadine, 30 minutes)

Project Overview: Project Area

- Acquisition: 16,500 acres (26 square miles)
 - 15,100 in South Bay (24 square miles)
 - 1,400 along Napa River (2 square miles)
- Land Ownership
 - Baumberg Ponds: CA Department of Fish and Game property
 - West Bay and Alviso Ponds: U.S. Fish and Wildlife Service Property

South Bay Salt Pond Restoration Project

Legend

2002 Salt Pond Acquisition Area

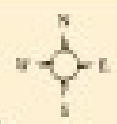
- California Department of Fish & Game
- U.S. Fish & Wildlife Service

Lands Retained or Sold to Other Entities

- Cargill retains land for milk production
- Cargill retains land for other purposes
- Cargill has sold or proposes to sell to local government agencies

Reference Features

- Highway
- Railroad



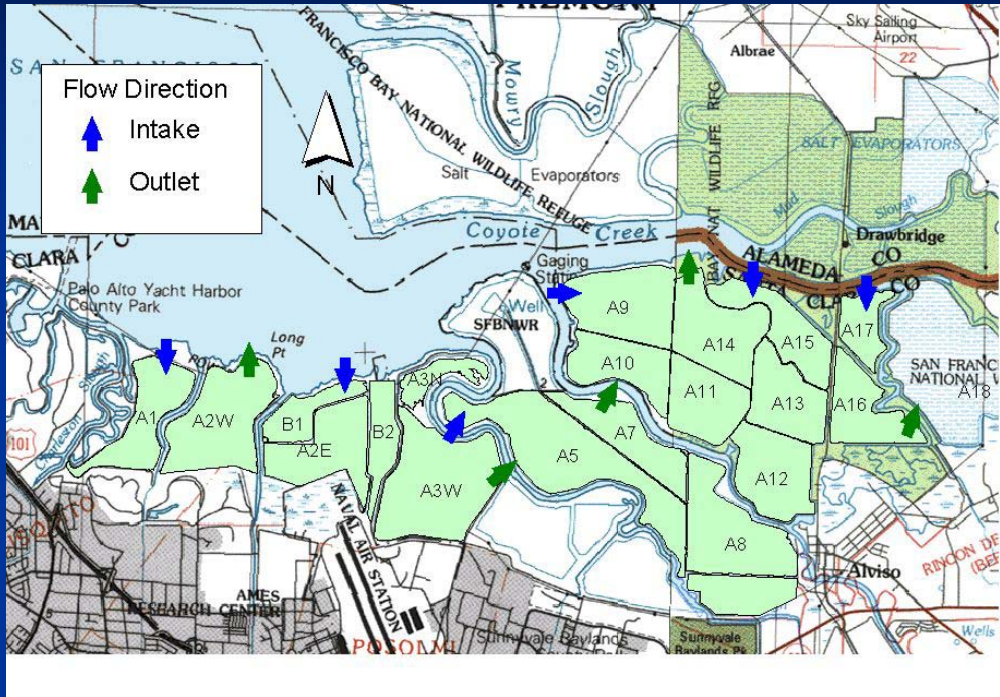
Project Overview: Cargill Phase Out

- Cargill currently conducting “phase-out”
- Cargill to meet permit requirements established by Regional Water Quality Control Board discharge permit
- Phase-Out of Salt Production
 - 1-2 years for low salinity ponds e.g. Baumberg (East Bay) and most Alviso (South Bay) ponds
 - 3-6 years for higher salinity ponds e.g. West Bay (Redwood City) and Alviso ponds in Fremont

Project Overview: Initial Stewardship

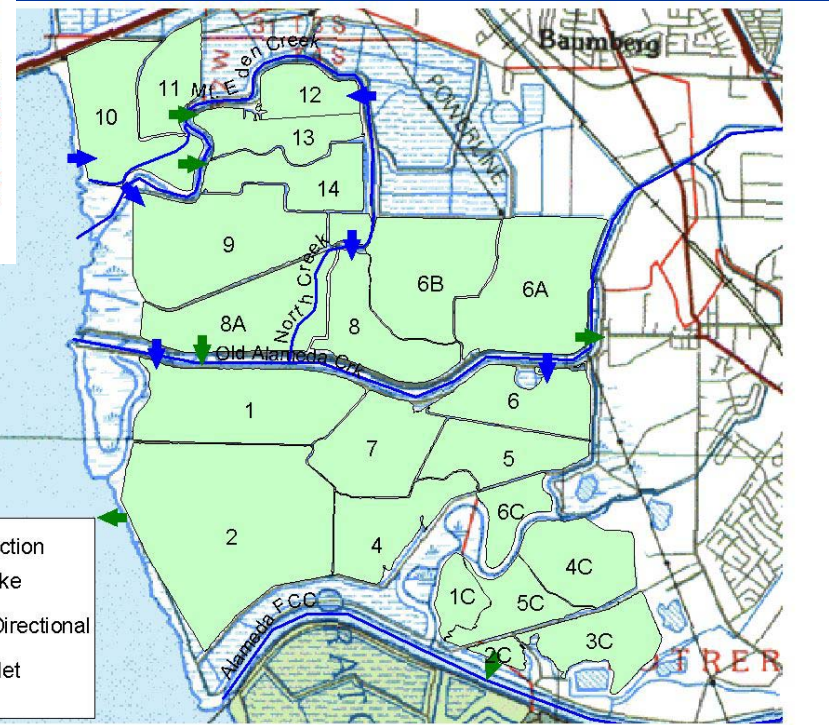
- DFG and FWS to manage acquired salt ponds after separation from existing salt-making process by Cargill, until long-term restoration plan is completed and implemented.
- DFG, FWS, and Cargill coordinating on Initial Stewardship Plan, permitting, and EIR/EIS

Project Overview: Initial Stewardship



■ Baumberg

■ Alviso



Project Overview

- For additional Acquisition, Phase-Out, or Initial Stewardship information, see www.southbayrestoration.org/Documents.html

Project Overview: Long-Term Restoration Plan

As memorialized in an MOU, the Conservancy, FWS, and DFG are working together on the Long-Term Restoration Plan.

Mission: “To prepare a scientifically sound and publicly supported restoration and public access plan that can begin to be implemented within five years.”

Long-Term Restoration Plan: Guiding Principles

- The Long-Term Restoration Plan is developed through an inclusive and open process that engages all stakeholders and interest groups.
- The Long-Term Restoration Plan is based on the best available science, and independent scientific review is an integral part of its development and implementation.
- Numerous federal, state and local agencies are partners in the Long-Term Restoration Plan and their views are considered fully.
- The Long-Term Restoration Plan is a flexible plan that is based on the concept of adaptive management - recognizing that information gathering is part of implementation and that modifications will be made in the future based on that information.

Long-Term Restoration Plan: Guiding Principles, cont'd

- The Long-Term Restoration Plan is implemented in phases, including achieving early, visible successes.
- The Long-Term Restoration Plan emphasizes naturally sustaining systems and integrates habitat development actions at the landscape scale to provide South Bay ecosystem-level benefits.
- Development of the Long-Term Restoration Plan will consider costs of implementation and monitoring so that planned activities can be effectively executed with available funding.

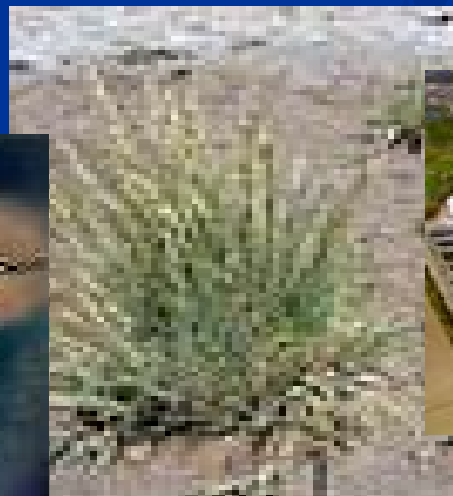
Project Objectives

- Create habitats to support:
 - Special Status Species
 - Migratory Birds
 - Native Wildlife
- Provide for flood management
- Provide wildlife-oriented public access and recreation



Project Objectives, cont'd

- Maintain or improve water quality in the Bay
- Maintain or improve vector control
- Manage introduced species and predators
- Protect services provided by infrastructure



Challenges, Opportunities

- Landscape Scale of project (15,100 acres)
- Urban Setting (3 million people in South Bay)



Challenges/Opportunities

- Preferred Mix of Habitats
 - Tidal wetlands, managed ponds, others
 - Balance and phasing of habitat types
- Restoration of Tidal Wetlands
 - Subsidence (minimal to over 10 feet)
 - Source and quality of sediment
 - Possible effects on mudflats, water quality, and hydrology of the Bay during and after construction
 - Features to enhance wetland development
- Enhancement of Managed Ponds
 - Water circulation so that salt does not accumulate in ponds
 - Optimal pond features for migratory birds



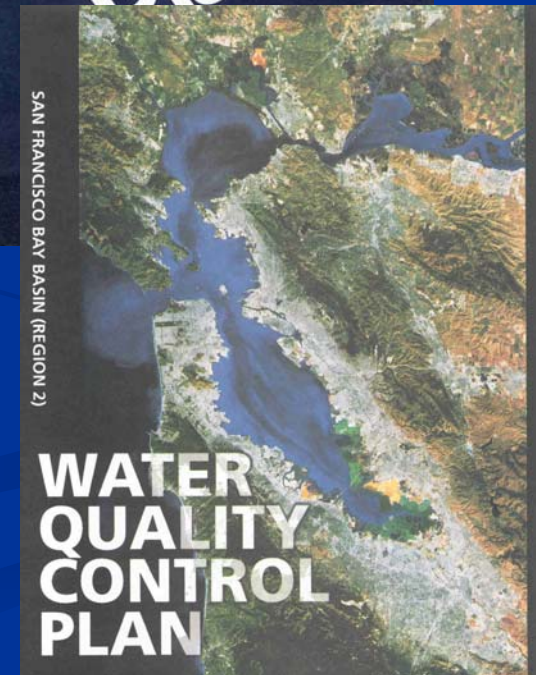
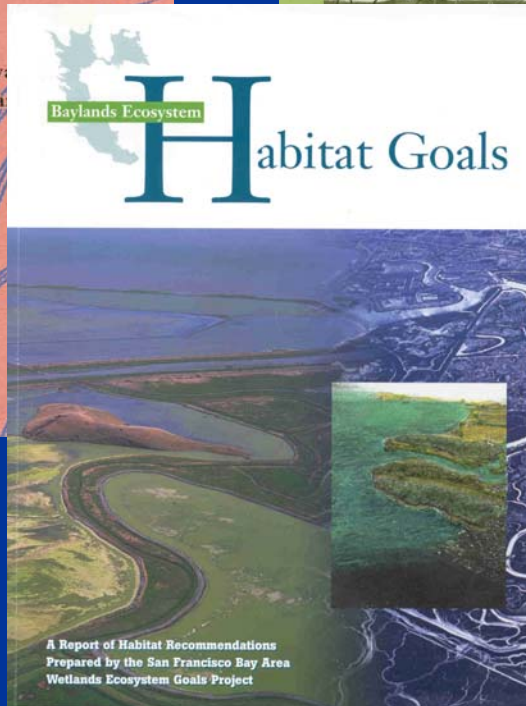
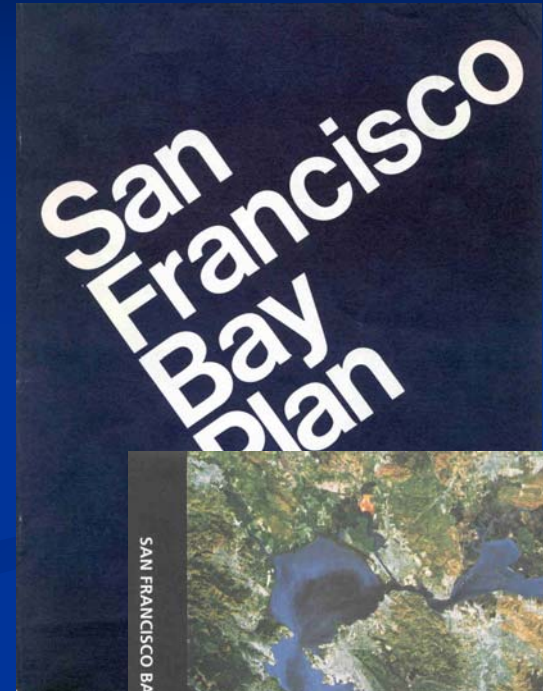
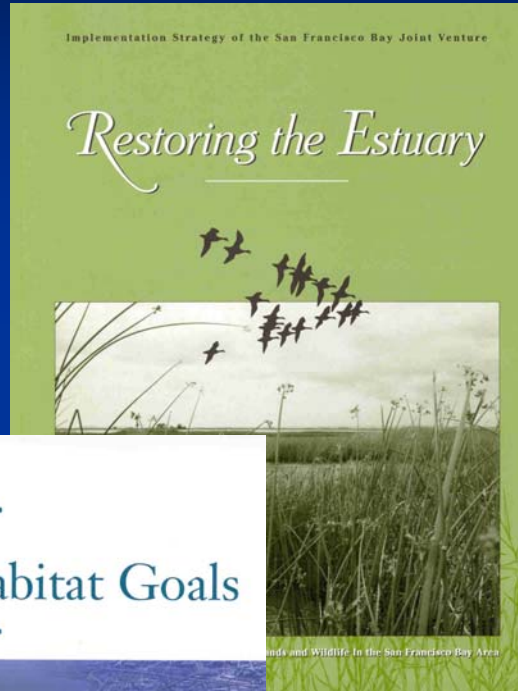
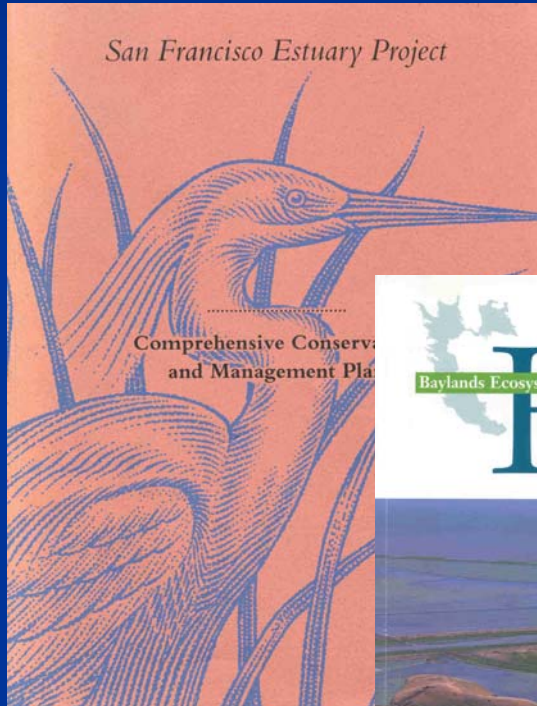
Challenges/Opportunities

- Integrate Flood Management (tidal and fluvial) into Habitat Restoration Alternatives
- Plan for Wildlife-Oriented Public Access and Recreation while protecting wildlife
- Minimize impacts of mercury methylation and seek to improve water quality in the Bay
- Manage Introduced Species (e.g. *Spartina*) and predators
- Manage Vectors, e.g. mosquitos
- Protect Existing Services Provided by Infrastructure
- Plan for Monitoring & Adaptive Management and Operations & Maintenance

Many Interested Parties



Regional Planning Efforts



Learning from Past Restorations



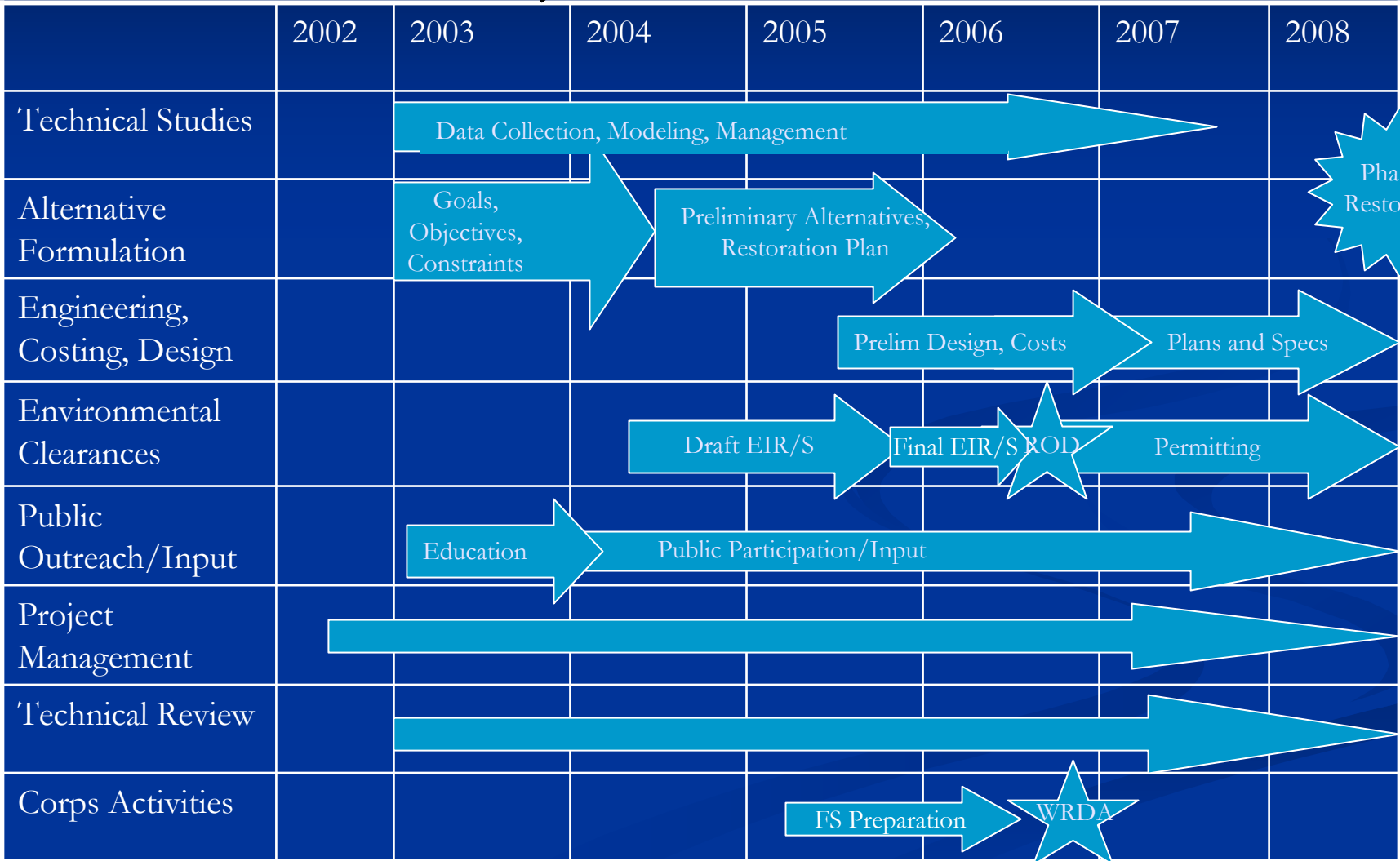
BEFORE



AFTER

South Bay Salt Ponds Restoration Project

Major Milestones



Accomplishments to Date

- Formation of Project Management Team, MOU
- Development of Project Mission, Guiding Principles, and Objectives
- Stakeholder Assessment
- Public Outreach Efforts
- National Science Panel
- Datagaps Workshop
- Science Team Formation
- Web Site/Bibliographic Database
- Data Collection by USGS
- Flood Management Analysis

Stakeholder Assessment

- To help structure the South Bay Salt Ponds long-term restoration planning, a stakeholder assessment was conducted by a neutral professional organization, the **Center for Collaborative Policy (CCP)**, a joint program of California State University Sacramento and the McGeorge School of Law.

Stakeholder Assessment Process

- CCP assessment team collaborated with project partners to establish list of potential interviewees
- Assessment team collaborated with project partners to develop the interview questionnaire
- Assessment team conducted 68 interviews from late May to mid-July
- Produced Report describing findings and recommendations (on web site)

South Bay Salt Pond Restoration Program

RESTORATION PROGRAM PLAN



Public Outreach Efforts

- Three Public Meetings in April 2003
- Stakeholder Forum and working groups currently being established
- Public Outreach to include:
 - Web Site
 - Quarterly email newsletters
 - Media Outreach
 - Speaker's Bureau with San Francisco Bay Joint Venture
 - Film of project with Pelican Media
 - Insert in Bay Nature Magazine
- Collaborative Process and Public Outreach to be coordinated by CCP

National Science Panel

- Met July, 2003 and produced recommendations on role of science in restoration planning, addressing:
 - Role of National Science Panel
 - Project Management Team Participants
 - Establishment of Science Team
 - Development of a Science Strategy by April, 2004
 - Identify scientific needs of each restoration plan milestone
 - Outline processes for:
 - Developing conceptual models
 - Identifying and prioritizing uncertainties
 - Appropriate peer review procedures for key documents

Datagaps Workshop

- Held in March, 2003 with over 75 participants
- Feedback on Key Decisions, Specific Questions, and Datagaps in areas of Physical Processes, Water Quality, and Fish and Wildlife
- Key Decisions Document on web site

Science Team

- RFQ issued in Spring 2003
- Over 100 respondents
- PM Team has selected Lead Scientist (Lynne Trulio, SJSU) and group to develop Science Strategy (John Callaway, John Takekawa, Fred Nichols, Jessica Lacey, Ed Gross)
- Science Team to grow to 12-15 members in spring, 2004
- Pool of qualified technical experts to be called upon for peer review, technical assistance
- Members of Science Team or Peer Reviewers cannot be part of firm or team contracted for project design and review

Web Site/Bibliographic Database

South Bay Salt Pond Bibliography - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address <http://dev.sfei.org/SouthBaySaltPond/BiblioSearch> Go Links »

South Bay Salt Pond Restoration Project

ESPAÑOL

Home

Project Description

Project Overview

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Annotated South Bay Salt Pond Bibliography

Search [Advanced Search](#) [Display all](#)

Search for words in title, author, year, [type](#), summary, or [display all](#).

The South Bay salt pond bibliography contains over 273 references to reports, books, websites, and other works relevant to the restoration of the South Bay salt ponds.

Many references include a summary of results, and in some cases the full text can be downloaded.

The State Coastal Conservancy is the sole owner of all bibliographic and reference information contained in this database. Users of this website rely on the information therein at their own risk.

[Login to edit the database.](#)

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USGS Data Collection

Ponds

- Collecting bathymetry of all 54 ponds (ADCP unit)
- Sampling water quality (nitrogen, phosphorous, sulfur, sediment) in ponds
- Invertebrate sampling in ponds
- Sediment samples collected and stored for Hg analysis
- Monthly avian surveys in all ponds
- Fish sampling planned for spring 2004

USGS Data Collection

Sloughs

- Hydrologic data summary (flow, salinity, sediment, water levels, aerials, LIDAR)
- Gage on Coyote Creek being installed
- Spring 2004 fish sampling in sloughs
- Mudflat invertebrate report by June 2004
- EAARL LIDAR survey of South Bay in May, 2004

Flood Analysis Work

- Summary of water discharge facilities (completed)
 - Identify waterways that drain to South Bay and document characteristics (using available data)
 - Identify dischargers, discharge facilities, and available data
 - Provide information on GIS
 - Evaluate significance of discharge facilities
 - Recommendations on physical data needs (focus on this wet season)
- Modeling tools and techniques report (completed)

Flood Analysis Work

- Evaluation of perimeter levees (just begun)
 - Determine criteria and standards for flood control levees
 - Assess existing urban levees: gather existing data and perform limited survey – spot elevations using GPS
 - Establish 20-25 benchmarks along levee
 - Conduct reconnaissance-level geotechnical assessment and develop scope for subsequent geotechnical assessment
 - Assess feasibility of providing continuous flood protection levee
 - Provide information on GIS

Major Tasks over Course of Project

- Alternative Development
 - Opportunities and Constraints
 - Initial Restoration Concepts and Alternative Selection Criteria
 - Existing Conditions and Without Project Conditions
 - Preliminary Restoration Alternatives
 - Preliminary Design and Cost Estimating/Final Alternatives
 - Restoration Concept Plan/Recommended Alternative
- Information Gathering
- Modeling of Physical Processes

Major Tasks over Course of Project

- Flood Management, Protection, and Enhancement
- Detailed Design and Cost Estimating of Component Projects
- Feasibility Report for Components to be Constructed by Corps
- NEPA/CEQA Compliance
- Regulatory Coordination and Permitting
- Cultural Resources Survey and Consultation
- Monitoring and Adaptive Management Plan
- Operations and Maintenance Plan
- Recreation/Access Plan
- Project Management and QA/QC

What are we looking for?

■ General

- Consultant shall furnish all necessary labor, facilities, equipment, and materials to complete work
- Available to meet with Conservancy, FWS, and DFG as needed and keep advised of work products
- Lead consultant may subcontract for work – all members of team should be described in submittal
- Project Manager should be an employee of lead firm
- Project Manager and key staff must be made available for duration of project
- Project Manager and Lead Firm's project office should be in Bay Area

What are we looking for?

- Project Manager and Key Staff
 - Demonstrated organizational skills
 - Proven track record of delivering on-time
 - Experience managing large, complex projects that involve competing objectives
 - Excellent interpersonal, and written and oral communication skills
 - Experience at making presentations to and interacting effectively with wide range of audiences
 - Prior experience working together

What are we looking for?

- Technical Knowledge and Experience of Key Staff
 - Biology
 - Corps Planning Process
 - Cultural Resources
 - Restoration Planning and Design
 - Flood Management and Geotechnical Engineering
 - Geomorphology and Hydrodynamics (and Modeling)
 - GIS/Data Management
 - Mercury Cycling/Methylation
 - Monitoring and Adaptive Management
 - NEPA/CEQA and permitting
 - Public Access and Recreation Planning
 - Sediment Reuse
 - Vector Control
 - Water/Sediment Quality and related Modeling

What are we looking for?

- Familiarity with relevant stakeholders, can work with wide range of stakeholders, and can assist the Project Team with integration of recommendations
- Familiarity with the technical, regulatory, and policy issues regarding wetlands restoration, flood management, and public access in San Francisco Bay
- Successful experience conducting Feasibility Studies with the U.S. Army Corps of Engineers
- Willingness to commit resources to the project, and commitment to making resources available when needed
- Continuity in the project team (low turnover)

What are we looking for?

- Effective internal communications and budget controls
- Effective project organization and management approach that demonstrates how staff/firms will work together
- Culture of client-focus, flexibility, high quality, practical problem-solving
- Track record of creative and innovative solutions on multi-objective, complex projects
- Focus on *how* work will be accomplished versus listing of *what* needs to be accomplished (e.g. process of formulating alternatives, integration of modeling and alt formulation, integration of new data, etc.)
- Firm/team places the same high value on the project as the rest of the stakeholders and project management team

What are we looking for?

☺ You should be able to undertake and complete anything. ☺

Submittals

- Body of submittal (no more than 42 pages)
 - Team Organization (4 pages)
 - Approach (30 pages)
 - Understanding of project/key issues (up to 5 pages)
 - Technical Approach (up to 20 pages)
 - Management Approach (up to 10 pages)
 - Qualifications (8 pages)
 - Two Cost Tables (first year and remainder of project)
- Appendices
 - Resumes for up to 20 staff (no more than 2 pages each)
 - 20-25 relevant project descriptions (1 page each)
 - Rate Sheets
 - Anticipated Utilization for each Firm/Office

Submittals

- Submit 8 hard copies and 6 CDs with electronic version of submittal (.pdf preferred)
- Must arrive by November 3rd at noon at Conservancy offices at 1330 Broadway, Oakland, CA 94612, attn. Amy Hutzel

Request for Services

- RFS Announcement distributed Sept. 8, 2003
- RFS posted on web site Oct. 7
- Pre-submittal meeting Oct. 9
- Questions and answers from pre-submittal meeting posted on web site Oct. 13
- Other questions can be submitted (by email or mail) anytime before Oct. 20
- All questions and answers posted on web site Oct. 24

Request for Services

- Submittals due November 3 at noon
- Panel of reviewers score submittals Nov 3 - 13
- Firms/teams notified of status Nov 14 in pm
- Interviews with top firms/teams on Nov. 19
- Firms/teams notified of status by Nov. 26
- Contract negotiations begin with top firm/team
- Contract executed by end of 2003

Evaluation of Submittals

- Scoring of submittals by FWS, DFG, SCC, Science Team, and other invited reviewers
- Top 3 to 4 firms will be interviewed
- Interviewers will include FWS, DFG, SCC, Lead Scientist, and other invited interviewers
- Final score (for selection of highest ranked firm) will be a combination of submittal score and interview score

Evaluation of Submittals

- Scoring of submittal based upon following factors
 - Demonstrated competence, including:
 - Specialized qualifications (technical skills): *25 points*
 - Firm/team's past experience with similar projects: *10 points*
 - Education and experience of key personnel: *10 points*
 - Firm/team's management approach, including ability to meet project schedule : *20 points*
 - Firm/team's technical approach: *20 points*
 - Overall quality of the firm/team: *15 points*
 - Nature and quality of past completed work
 - Longevity of firm(s)/amount of turnover
 - Clarity and completeness of submittal

Evaluation of Submittals

- After scoring of submittals, Conservancy will also take into account (as tie breaker):
 - Small Business Enterprises (SBEs)
 - Disabled Veteran Business Enterprises (DVBEs)
 - Good faith effort to subcontract DVBEs.
- SBEs and/or DVBEs must be certified as such by State Department of General Services - Office of Small Business and DVBE Certification
- Contract will be awarded without discrimination based on color, race, religion, sex, or national origin.

Contact Information

Amy Hutzel

Project Manager

California State Coastal Conservancy

1330 Broadway, 11th Floor, Oakland, CA 94612

(510) 286-4180 phone

ahutzel@scc.ca.gov

RFS and other background on Project Web Site:

www.southbayrestoration.org