

**COUNTY OF SONOMA
AGENDA ITEM
SUMMARY REPORT**

Clerk of the Board Use Only
Meeting Date _____ **Held Until** _____
Agenda Item No: _____ **Agenda Item No:** _____

Department: Sonoma County Water Agency

(X) 4/5 Vote Required

Contact:
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(707) 547-1941

Board Date:
06-23-09

Deadline for Board Action:

AGENDA SHORT TITLE:
Agreement for Spatial and Stream Summary Database

REQUESTED BOARD ACTION(S):

1. Authorize General Manager/Chief Engineer to execute the Agreement for Spatial and Stream Summary Database between the Sonoma County Water Agency and Regents of the University of California (\$44,520) in substantially the form as the draft presented to this Board, following review and approval by County Counsel as to form and by Risk Management as to insurance requirements.
2. Resolution authorizing budgetary adjustments to the fiscal year 2008-2009 final budget for the Agency's Zone 1A Laguna-Mark West Fund Balance in the amount of \$14,840.
3. Resolution authorizing budgetary adjustments to the fiscal year 2008/2009 final budget for the Agency's flood control Zone 2A Petaluma Fund Balance in the amount of \$14,840.
4. Resolution authorizing budgetary adjustments to the fiscal year 2008-2009 final budget for the Agency's Flood Control Zone 3A Valley of the Moon Fund Balance in the amount of \$14,840.

CURRENT FISCAL YEAR FINANCIAL IMPACT

<u>EXPENDITURES</u>		<u>ADD'L FUNDS REQUIRING BOARD APPROVAL</u>	
Estimated Cost	\$ 44,520	Contingencies	\$
Amount Budgeted	\$ 0	(Fund Name:)	
Other Avail Approp	\$	Unanticipated Revenue	\$
(Explain below)		(Source:)	
Additional Requested:	\$ 44,520	Other Transfer(s)	\$ 44,520
		(Source: Fund Balance)	
		Add'l Funds Requested:	\$ 44,520

Explanation (if required): Additional appropriation in 673202-6570 (\$14,840), 673301-6570 (\$14,840), and 673400-6570 (\$14,840). Fund balance will be appropriated with Board approval.

Prior Board Action(s):

- 04/21/09 Authorized Statement of Understanding for Bay Area Steelhead Recovery Plan.
- 06/13/06 Authorized Memorandum of Agreement between the Sonoma County Water Agency and National Marine Fisheries Service supporting development of federal recovery plans for Central California Coast Steelhead and California Coastal Chinook Salmon.
- 06/06/06 Authorized Memorandum of Agreement between the Sonoma County Water Agency and National Marine Fisheries Service to support the development of Russian River Salmonid Coalition Plan and prepare biological opinions for the Russian River Section 7 Consultation (\$200,000).
- 02/28/06 Authorized Memorandum of Agreement between the Sonoma County Water Agency and National Marine Fisheries Service for Development of a Coho Salmon Threats Assessment (\$200,000).
- 01/24/06 Approved Preliminary Memorandum of Understanding to develop a salmonid conservation strategy with stakeholders in the Alexander Valley.
- 10/29/02 Authorized support to CDFG to development the California Coho Salmon Recovery Strategy.
- 04/23/02 Authorized support for MOU for federal Recovery Planning for coho, Chinook and steelhead.

Alternatives - Results of Non-Approval: Not providing funding for this effort could delay development of recovery plans for the listed salmonids in the Russian River (coho and Chinook salmon and steelhead) and could affect the Agency's ability to incorporate ongoing programs and initiatives focused on water supply, sanitation, and management of the Russian River Project into the federal recovery plans being developed for these species.

Background: Draft Agreement on file with the Clerk.

The National Marine Fisheries Service (NMFS) is required by the Endangered Species Act to prepare recovery plans for federally listed salmonids. Sonoma County overlaps with three Evolutionarily Significant Units (ESUs) of salmon including coho, Chinook, and steelhead (termed Distinct Population Segments or DPS for steelhead). In 2006 the Sonoma County Water Agency's (Agency) Board of Directors approved funding for the development of threats assessments for each of the three salmonid species. The threats-assessment portion of recovery plan development has largely been completed and NMFS will be returning \$22,000 to the Agency. The Agency, at the request of NMFS, would like to continue to further the recovery planning effort by funding a data standardization effort headed by the University of California Hopland Research and Extension Center (UC Hopland).

The objective is to support finalization of a standardized dataset summarizing the stream surveys conducted by the California Department of Fish and Game (CDFG) and other entities according to the protocol outlined in the California Stream Habitat Typing Manual (CDFG 2004). The database application, developed by UC Hopland and CDFG, is known as the *Stream Summary Application*. The Agency proposes to provide these funds to support development of this database that will inform federal recovery planning underway in the North Central California Coast Recovery Domain, a geographic area encompassing the federally listed DPSs of Northern California steelhead and Central California Coast steelhead and the ESUs of California Coastal Chinook and the Central California Coast coho salmon. This effort will involve collaboration between UC Hopland, the Agency, Sonoma Ecology Center (SEC), Berkeley Water Center (BWC), NMFS, and CDFG.

Agency staff believes that it will be beneficial to the Agency to support this effort. The Agency can use the resulting data and recovery plans to guide implementation of ongoing management of water supply, flood control, and wastewater treatment. Agency involvement in the project will facilitate incorporation of already identified or pending Agency projects as necessary for recovery efforts as well as flood control, groundwater recharge, water quality enhancement, etc. The plans will likely identify recovery strategies that will need to be incorporated into the conditions of permits required to perform work in rivers, streams, flood channels and other waterways that support salmonids. Additionally, projects and programs listed in recovery plans provide leverage to obtain federal grants administered by state agencies.

The Agreement with UC Hopland will involve data acquisition, processing, finalization, formatting, and reporting for relevant coastal watersheds, as well as coordinating with NMFS, CDFG, and Lawrence Berkeley National Laboratory. UC Hopland shall coordinate with relevant CDFG staff in other regions to acquire appropriate datasets. Field data will be entered into the stream habitat application to summarize the data for use by NMFS, CDFG, the Agency, the general public, and other stakeholders. Then "reachsheds" (a spatial representation of the upstream areas that represents the area above and around the surveyed reaches) will be output and incorporated into a final report. Finally, UC Hopland shall coordinate with NMFS and the Sonoma Ecology Center to develop queries for the final recovery plans and output tables and provide instructions on use of the database and its spatial output capability.

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4. Resolution authorizing budgetary adjustments to the fiscal year 2008-2009 final budget for the Agency's Flood

Attachments:

On File With Clerk: Draft Agreement (1 Copy)

CLERK OF THE BOARD USE ONLY

Board Action (if other than "Requested")

Vote: