

# 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

**4/5 Vote Required**

**Contact:**  
David Cuneo

**Phone:**  
(707) 547-1935

**Board Date:**  
11/10/2009

**Deadline for Board Action:**

**AGENDA SHORT TITLE:**

Evaluation of Russian River and Dry Creek Channel Maintenance and Flood Control Operations.

**REQUESTED BOARD ACTION:**

1. Authorize Chair to execute the Agreement for Environmental Services for U.S. Army Corps of Engineers Flood Control Operations at Coyote Dam and Warm Springs Dam; Russian River and Dry Creek Channel Maintenance; and Operation and Maintenance Manuals between the Sonoma County Water Agency and Horizon Water and Environment, LLC (\$771,781).
2. Authorize the Agency's General Manager/Chief Engineer to amend Agreement provided amendments do not cumulatively increase the total cost to the Agency by more than \$25,000 (taking into account all prior amendments) and do not substantially change the scope of work.
3. Resolution authorizing budgetary adjustments to the 2009/2010 Final Budget for the Warm Springs Dam Special Revenue Fund in the amount of \$771,781.

**CURRENT FISCAL YEAR FINANCIAL IMPACT**

**EXPENDITURES:**

**ADDITIONAL FUNDS REQUIRING BOARD APPROVAL:**

<b>Estimated Cost</b>	<b>\$771,781</b>	<b>Contingencies (Fund Name:)</b>	<b>\$0</b>
<b>Amount Budgeted</b>	<b>\$0</b>	<b>Unanticipated Revenue (Source:)</b>	<b>\$0</b>
<b>Other Available Appropriations (Explain Below)</b>	<b>\$0</b>	<b>Other Transfers (Source: Fund Balance)</b>	<b>\$771,781</b>
<b>Additional Requested</b>	<b>\$771,781</b>	<b>Additional Funds Requested</b>	<b>\$771,781</b>

**Explanation (if required):**

Additional appropriations in 673806-6570 is required to process this expense in the Warm Springs Dam Special Revenue Fund.

**Prior Board Action:**

02/07/06 Authorized Agency's General Manager/Chief Engineer to execute the Agreement for Environmental services for US Army Corps of Engineers flood control operations at Coyote Dam and Warm Springs Dam; Don Clausen Fish Hatchery; Russian River and Dry Creek Channel Maintenance; and Operation and Maintenance Manuals.

**Alternatives – Results of Non-Approval:**

Work would not continue on revising Agency's Flood Control Operation and Maintenance Manuals related to Corps-owned or funded facilities within the Russian River and Dry Creek Valleys to bring these manuals up to date and consistent with the restrictions associated with the September 24, 2008 Biological Opinion for Water Supply, Flood Control Operations, and Channel Maintenance conducted by the U.S. Army Corps of Engineers, the Sonoma County Water Agency, and the Mendocino County Russian River Flood Control and Water Conservation Improvement District in the Russian River Watershed.

**Background:**

The Sonoma County Water Agency (Agency) is requesting to execute an agreement with Horizon Water and Environment, LLC (Agreement).

On February 9, 2006, as authorized by the Agency’s Board of Directors, the Agency entered into an agreement with Jones & Stokes (J&S) (J&S Agreement) to perform environmental services related to the operation of Warms Springs Dam and Coyote Valley Dam for flood control; the operation of the Don Clausen Fish Hatchery; and channel improvements on the mainstem Russian River and Dry Creek. Prior to the execution of the J&S Agreement, the Agency conducted a formal selection process. J&S made progress on the tasks identified in the scope of work under the J&S Agreement. J&S prepared a technical memorandum identifying the opportunities and constraints of the U.S. Army Corps of Engineers (USACE) Flood Management Program related to the operation of Lake Mendocino and Lake Sonoma. Additionally, J&S prepared a blueprint for the operation of a coho broodstock program at the Don Clausen Fish Hatchery.

The key personnel performing services for the Agency under the J&S Agreement have terminated employment with J&S. As a result, the Agency and J&S mutually terminated the J&S Agreement April 30, 2008. The key personnel are now employed by Horizon Water and Environment, LLC (Horizon), which the Agency has selected to complete the remaining work formerly under the J&S Agreement because of their prior experience working on the project. The proposed Agreement includes provisions for the Agency’s General Manager/Chief Engineer to terminate the Agreement.

Upon execution of the J&S Agreement in 2006, the full contract amount of \$1,018,060 was encumbered. Upon termination of the J&S Agreement, the remaining balance on the project budget was \$772,787. Of the remaining balance, \$771,781 will be re-encumbered upon execution of the Horizon agreement. No additional funding, beyond what was originally approved by the Board in 2006 for the J&S Agreement, is being requested.

On September 24, 2008, the National Marine Fisheries Service issued the *Biological Opinion for Water Supply, Flood Control Operations, and Channel Maintenance conducted by the U.S. Army Corps of Engineers, the Sonoma County Water Agency, and the Mendocino County Russian River Flood Control and Water Conservation Improvement District in the Russian River Watershed* (RRBO). The RRBO provides take coverage for endangered and threatened salmonids impacted by the Agency’s Russian River Mainstem and Dry Creek maintenance activities. The Agency’s existing Dry Creek and Russian River Operations and Maintenance Manuals are out of date and no longer relevant with respect to existing conditions and the terms of the RRBO. An updated approach for bank and levee maintenance is needed for both USACE-owned facilities maintained by the Agency, as well as for privately owned levees funded by the USACE and maintained by the Agency (Public Law 84-99 levees). The Public Law 84-99 levees do not pass USACE inspection requirements based on the current conditions of these levees and the existing USACE inspection requirements.

Horizon will assist the Agency by developing a maintenance strategy for the Agency’s operations and maintenance of federal and non-federal Public Law 84-99 flood control structures in the Mainstem Russian River and in Dry Creek. The revised maintenance strategy will be multi-objective and will balance the maintenance activities required by the USACE with habitat concerns, as well as be consistent and coordinated with the RRBO. The consultant will update the Agency’s flood control Operations and Maintenance Manuals for the Mainstem Russian River and for Dry Creek.

**Attachments:**

Resolution (R1).

**On File With Clerk:**

Agreement (4 Copies).

**CLERK OF THE BOARD USE ONLY**

**Board Action (If other than “Requested”)**

**Vote:**