

**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:
 Jay Jasperse

Phone:
 (707) 547-1959

Board Date:
 04-07-09

Deadline for Board Action:

AGENDA SHORT TITLE:
 Out of State Travel - Canada

REQUESTED BOARD ACTION(S):
 Authorize Jay Jasperse, Water Agency Deputy Chief Engineer, to attend the National Water Research Institute's conference titled, "*Microbial Transport and Survival in the Subsurface: First International Conference*" in Ontario, Canada from May 9-13, 2009.

CURRENT FISCAL YEAR FINANCIAL IMPACT

<u>EXPENDITURES</u>		<u>ADD'L FUNDS REQUIRING BOARD APPROVAL</u>	
Estimated Cost	\$ 3,000	Contingencies	\$
		(Fund Name:)	
Amount Budgeted	\$ 3,000	Unanticipated Revenue	\$
		(Source:)	
Other Avail Approp (Explain below)	\$	Other Transfer(s)	\$
		(Source:)	
Additional Requested:	\$ -0-	Add'l Funds Requested:	\$ -0-

Explanation (if required):

Prior Board Action(s):

Alternatives - Results of Non-Approval:

Background:

This agenda item requests that the Board authorize out-of-country travel for Jay Jasperse, Sonoma County Water Agency (Agency) Deputy Chief Engineer, to attend a technical conference in Ontario Canada from May 9 to 13, 2009. The subject of the conference is, "*Microbial Transport and Survival in the Subsurface: First International Conference*" and is sponsored by the National Water Research Institute. The Agency's water supply facilities rely on natural filtration to produce a high quality supply of potable water. To ensure that these facilities continue to provide a safe and reliable supply of potable water, the Agency has been and continues to be involved in several studies and research programs focused on the water quality processes that occur during natural filtration. An important aspect of these efforts involves the topic of pathogen removal by sands and gravels. In addition, recent changes in federal water quality regulations related to the use of natural filtration as a means of providing potable water supply have resulted in the Environmental Protection Agency working on developing policies and implementation guidelines that could affect Agency operations.

Attendance at the conference is directly related to the Agency's core water supply activities. The conference will provide a forum to learn about the status of the most recent research on water quality aspects of natural filtration as well as plans for developing guidelines for implementation of new regulations. The conference will be attended by regulators, scientists and water managers from throughout North America. In addition, the results of one of the Agency's research projects will be presented at the conference. This work was published in the Geomicrobiology Journal in 2007 and includes Jay Jasperse and Don Seymour of the Agency as co-authors. In addition, Jay Jasperse is a technical advisory member for various research programs pertaining to the subject of the conference. The results of some of these research activities will also be presented at the conference.

The estimated costs for travel and registration associated with the conference will not exceed \$3,000.

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Attachments:**On File With Clerk:****CLERK OF THE BOARD USE ONLY****Board Action (If other than "Requested")****Vote:**