

SANTA ANA WATERSHED PROJECT AUTHORITY
TASK ORDER NO. RISK392-01

CONSULTANT: Risk Sciences
Tim Moore
1417 Plymouth Dr.
Brentwood, TN 37027

VENDOR # 1174

COST: \$59,620

PAYMENT: Monthly upon receipt of invoice

REQUESTED BY: Mark Norton, P.E., Water Resources
& Planning Manager

DATE: April 21, 2009

FINANCE: K Williams
Karen Williams, CFO

DATE: 4/20/09

FINANCING SOURCE:

Acct. Coding	392EMERG-6113-01
Acct. Description	Consulting General

BOARD AUTHORIZATION REQUIRED: YES (X) NO ()

Commission Memo No. 8116

This Task Order is issued this 21st day of April 2009, by the **Santa Ana Watershed Project Authority** (hereafter "**SAWPA**") to **Tim Moore/Risk Sciences** (hereafter "Consultant"), pursuant to the Agreement between SAWPA and Consultant entitled *Agreement for Services*, dated April 20, 2006, amended Jan. 25, 2008 (*expires 6-30-2011*).

1. Project Name or Description

Emerging Constituents Workgroup, Phase 2

2. Tasks to be Performed

The primary tasks and objectives for the Consultant are as described in the Letter Proposal Scope of Work, Phase 2; Attachment A.

3. Time of Performance

This Task Order is signed by the General Manager of SAWPA and shall complete performance of such services by or before **December 31, 2009**. This effort should be tightly coordinated with the future resolution process to minimize delay and overall time of project.

4. SAWPA Liaison

Mark Norton, Water Resources & Planning Manager, shall serve as liaison between SAWPA and Consultant.

5. Compensation

For all services rendered by Consultant pursuant to this Task Order, Consultant shall receive a total not-to-exceed **sum of \$59,620**, including reimbursement for reasonable and necessary expenses incurred in the connection with the performance of services hereunder. Payment of the fees and expenses incurred shall be made monthly upon receipt of proper invoices from Consultant, in accordance with Article III, Compensation, of the Agreement for Services.

6. Precedence of Contract Documents

In the event of a conflict in terms between and among the contract documents herein, the document item highest in precedence shall control. The precedence shall be:

- a. The Agreement for Services by Independent Consultant/Contractor ("Agreement").
- b. The Task Order or Orders issued pursuant to the Agreement, in numerical order.
- c. Exhibits attached to each Task Order, which may describe, among other things, the scope of work.
- d. Specifications incorporated by reference.
- e. Drawings incorporated by reference.

IN WITNESS WHEREOF, the parties have executed this Task Order on the date indicated below.

SANTA ANA WATERSHED PROJECT AUTHORITY

For 

Celeste Cantú, General Manager

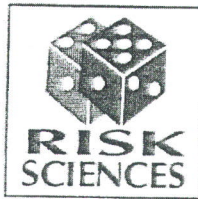
9/27/09

Date

RISK SCIENCES

Timothy F. Moore, President

Date



24 March 2009

Mark Norton
Santa Ana Watershed Project Authority
11615 Sterling Ave.
Riverside, CA 92503

RE: Proposed Scope-of-Work for Phase II of the Emerging Constituents Workgroup

Dear Mr. Norton

Per your request, I have prepared the following proposed Scope-of-Work to assist the Emerging Constituents Workgroup (ECW) in 2009.

Background

In 2006, the Santa Ana Regional Water Quality Control Board ("Regional Board") proposed draft Waste Discharge Requirements (WDR) for projects intending to recharge State Project water and Colorado River water to local groundwaters. However, in lieu of issuing WDRs, the Regional Board recently endorsed a Cooperative Agreement requiring various water agencies to implement a nitrogen and TDS monitoring/modeling program.

In addition, stakeholders throughout the Santa Ana watershed agreed to work closely with the Regional Board to develop an appropriate investigation strategy for other potential pollutants. In 2008, the Santa Ana Watershed Project Authority (SAWPA) convened a workgroup to follow-through on that commitment. The results of the ECW's initial effort (Phase I) are summarized in a document entitled: "2008 Progress Report of the Emerging Constituents Workgroup."

In general, the ECW agreed that it was appropriate to develop some sort of long-term management for emerging constituents. The ECW also found that such a program should reflect the experience gained from the on-going EC characterization studies sponsored by Orange County Water District, Metropolitan Water District of Southern California and the National Water Research Institute. Finally, the ECW concluded that future efforts to investigate emerging constituents should be guided by the suggestions offered by various scientific and regulatory experts who provided insightful presentations to the Workgroup in the summer of 2008.