

Sacramento Regional Air District
Land Use Database, Mapping and Monitoring System

Agreement Between

**Sacramento Area Council of Governments
Sacramento Metropolitan Air Quality Management District
Placer County Air Pollution Control District
El Dorado County Air Quality Management District**

Purpose

This Agreement establishes the understanding of the Sacramento Area Council of Governments (SACOG) Sacramento Metropolitan Air Quality Management District (SMAQMD), Placer County Air Pollution Control District (Placer) and El Dorado County Air Pollution Control District (El Dorado) regarding the roles of the various parties in the collective development and use of an interagency Land Use Monitoring Database and Mapping System (Database and Mapping System or System).

SMAQMD, Placer, and El Dorado are part of the five district federal Sacramento Ozone Nonattainment Area (Nonattainment Area).¹ The Nonattainment Area is required to develop a State Implementation Plan (SIP) that demonstrates how the region will attain the federal ozone standard by the applicable deadline. The air districts intend to rely on the Database and Mapping System to identify land use emission control measures and quantify reductions achieved through implementation of those measures. SACOG intends to use the System to help develop plans to reduce traffic throughout the Sacramento region.

Authorities

The Parties have the authority and legislative mandate to identify and promote land use practices and mitigation measures that will reduce traffic and air pollution.

Objectives

The primary objective of this MOU is to develop a Database and Mapping System that: (i) records the comments made by the parties during the review of projects under the California Environmental Quality Act (CEQA), (ii) track the development and implementation of mitigation measures and land use strategies, and (iii) quantifies the reductions achieved by the strategies. To achieve these objectives, the Parties will modify and expand the existing land use emission database developed by SMAQMD.

The ability to calculate air quality emission reductions achieved by the mitigation measures is a critical element in allowing the air districts to adopt a SIP that claims reductions from the mitigation measures. In addition, making the System available to the parties through the internet will enable

¹ The other counties in the Nonattainment Area are the Yolo, Sutter and Yuba counties.

the parties to easily and quickly exchange information on CEQA comments and mitigation measures and will enhance their understanding of the projects and their interrelationships by enabling them to view the location of projects spatially. The System will also include an archiving component that will allow the parties to monitoring programs and track mitigation measures.

SACOG's Role in the Development of the System

SACOG will be responsible for modifying the existing SMAQMD land use emission tracking system to meet the objectives of this agreement and will maintain the modified system on its internet site. Although SACOG will make the System available through the internet 24 hours a day, seven days a week, it will only provide staff support during its regular working hours. System outages that occur outside of regular work hours will not be resolved until the following business day, or as soon thereafter as SACOG can address the problem.

Budget

The budget for this project will be divided among the three air districts. Each district will reimburse SACOG for its pro rata share of the project costs in either fiscal year 2005/2006 or 2006/2007, depending on whether the funding is approved in the current district budget. The cost allocation is based on the population of each air district as determined by the California Department of Finance's 2004 Population Estimate for Counties. The proportional funding allocation is listed below.

Table 1
California Department of Finance
2004 Population Estimates and Project Funding Request

<u>District</u>	<u>Population</u>	<u>Funding Request</u>	<u>Percentage</u>
SMAQMD	1,335,368	\$120,000	76%
Placer APCD ¹	288,669	\$25,000	16%
EI Dorado ²	144,510	\$13,400	8%
	1,768,547	\$158,400	

1. 2000 Census populations for Tahoe Vista and Tahoe Sunnyside CDPs were subtracted (3,429 people)

2. 2004 DOF estimates for the City of South Lake Tahoe were subtracted (23,607)

SACOG's soft contributions include staff time spent developing the 2050 Blueprint Vision; meetings with local government agencies on implementing the Blueprint; the development SACOG's 2030 forecast; and an estimated \$30,000 in software license costs needed to run the proposed tracking and mapping system.

Scope of Work

- 1. System Design - \$10,000
- Milestone 1: Software Function Elements Report
- Milestone 2: Request for Proposals for Software Design and Construction

A consultant-facilitated process will develop the list of required functional elements for the interactive mapping system. Each of the parties must submit to SASCOG a detailed list of the land use and mitigation items they wish to have tracked by the new System by August 1, 2006. These lists must include detailed designs of existing monitoring applications and lists of all data items used in existing regulatory processes.

2. Software Design and Construction – \$45,000

Milestone 3: Final Software Design Report

Complete final software design, hardware architecture recommendations, initial software purchase costs, custom programming and application development services. The software will support secure user authentication, variable editing and viewing rights, system backup, archiving, and documentation. The software will meet the functional requirements outlined in the first task.

3. Hardware System Construction - \$25,000

Milestone 4: Purchase and Installation Report

Based upon the recommendations in the Final Software Design Report, SACOG will purchase and install a web server and the equipment and systems necessary to interface the new web server with SACOG's existing Geographic Information System (GIS) databases. This task will take advantage of SACOG existing licenses for web GIS and GIS database software.

4. Imagery Purchase and Database Reformat - \$70,480

Milestone 5: Software Installation Acceptance Report and User Manual

After the hardware system is in place, SACOG and its consultants will perform a beta test of the onsite software. SACOG staff will work with the SACOG Blueprint team to reformat existing land use information, local zoning, local general plan and Blueprint layers into the databases needed for interactive web-based mapping. Air Districts must submit any electronic databases in their possession that they wish to have included in the revised Database and Mapping System by September 1, 2006.

5. Contract Administration - \$7,920

Milestone 7: Project closeout

(\$7,920 encumbered/invoiced – Expected October 30, 2006)

This item will cover contract administration costs.

General Provisions

INVOICES:

SACOG will submit invoices to each of the air districts at the conclusion of each milestone. At its option, SACOG may also submit invoices covering more than one

completed milestone. The invoices will include a summary of the work completed. If a portion of the work was completed by a contractor to SACOG, SACOG will also include a copy of that contractor's invoice, which must contain a description of the tasks performed, the date the work was performed, the number of hours worked and the hourly rate charged. The Air Districts will review the invoices from SACOG and request more information when necessary. Approval for payment or requests for more information shall be made within 30 days of the receipt of the invoice.

Term of Agreement. This Agreement will remain in effect until amended or canceled.

Amendments. Any participant may propose changes to this Agreement during its term. Any change will be in the form of an amendment and will not take effect until all participants have agreed to and signed the amendment.

Cancellation. This Agreement may be canceled at any time during its term, by mutual agreement among the participants, or by any participant giving the other participants at least 30 days notice. Funds that are already contractually obligated at that time will not be refunded to the participants.

Signatures:

MIKE MCKEEVER
SACOG

LARRY F. GEENE
SMAQMD

TOM CHRISTOFK
PLACER COUNTY APCD

MARCELLA MCTAGGART
EL DORADO COUNTY AQMD