



CITY OF SACRAMENTO

APPROVED
BY THE CITY COUNCIL

MAY 5 1987

OFFICE OF THE
CITY CLERK

DEPARTMENT OF PLANNING AND DEVELOPMENT
1231 "I" Street Sacramento, Ca. 95814

Administration
Room 300 449-5571
Building Inspections
Room 200 449-5716
Planning
Room 200 449-5604

City Council
Sacramento, California

SUBJECT: WORK PROGRAM FOR AN AIR QUALITY PLAN UPDATE

Members in Session:

Summary

On April 7, 1987, the City Council requested that SACOG begin the process of updating the Sacramento Air Quality Plan. The Sacramento County Board of Supervisors has also requested the update. SACOG staff, working with, City, County, and State agency staff has prepared the attached report to the Board of Supervisors on the work elements, schedule and cost estimates for an Air Quality Plan Update.

The work program has two phases. Phase 1 results in a draft Air Quality Plan by July 1988. A second phase beyond that would result in detailed technical analyses of the probable effectiveness of the plan and alternatives. A technical consultant is being retained by the County to advise SACOG on what technical analysis if any should be conducted in Phase 2.

Background

The attached memorandum contains substantial information on the proposed work program to develop an updated Air Quality Plan. The main elements of the Phase 1 effort include:

- establishing a current baseline inventory of emissions
- establishing a projected 2010 inventory of emissions
- evaluating existing and possible new emission control strategies
- continuing implementation efforts while the plan is being prepared
- plan preparation
- citizen participation
- technical consultant to advise on Phase 2 activities

The draft plan will contain estimates of the effectiveness of the control measures in terms of emission reduction, not in terms of air pollution concentrations. The analysis that would result in reasonably accurate projections of air pollution levels will be in Phase 2. The City, County, and SACOG will have the opportunity to decide the possible work program and financing for Phase 2 by November 1987.

The work program is consistent with the direction given by Council at the April 7 meeting. At that meeting the Council also discussed the value of a Blue Ribbon Committee on Air Quality. Staff supports this concept and will report back with recommendations for the committee at a later date.

Financial Implications

The SACOG report indicates that the total cost of Phase 1 is estimated to be \$755,400. The costs to the City are estimated to be \$100,000 (in reality this is two existing positions in the Planning Division) plus a per capita share of a portion of SACOG's costs (they can finance \$80,000 leaving \$76,000 for the per capita allocation) plus a per capita share of the \$60,000 for the technical consultant that is being advanced by the County.

The per capita allocations cannot be determined until it is known how many other jurisdictions will be participating in the process.

If only the City and the County participate, the total cost to the City would be approximately \$150,000 of which \$100,000 is for existing City Staff.

Rough cost estimates for Phase 2 are shown in a range from \$950,000 to \$1.7 million. These numbers were derived from similar work efforts that the Air Resources Board is involved with elsewhere in the State.

Recommendation

The staff recommends that the City Council:

1. Approve the work program submitted by SACOG.
2. Direct staff to work out an equitable way of financing Phase 1 of the program
3. Direct staff to continue working with SACOG and other agencies to develop an updated Air Quality Plan.

Respectfully submitted,

Marty Van Duyn

Marty Van Duyn
Planning Director

FOR CITY COUNCIL INFORMATION
WALTER J. SLIPE
CITY MANAGER

MVD/GS: jr
Attachment

May 5, 1987
All Districts

SACRAMENTO AREA COUNCIL OF GOVERNMENTS
106 K Street, Suite 200, Sacramento, CA 95814

DRAFT

MEMORANDUM

APRIL 27, 1987

TO: SACRAMENTO COUNTY BOARD OF SUPERVISORS
FROM: DAVID H. YOUNG, Associate Planner
RE: INTERIM AIR QUALITY PLAN UPDATE - PROGRESS REPORT

RECEIVED
APR 28 1987
Planning and Development

As I reported at your March 23, 1987 meeting, the Sacramento Area Council of Governments (SACOG) is coordinating the effort to update the 1982 Air Quality Plan for the Sacramento Air Quality Maintenance Area (AQMA). To this end, an ad-hoc Technical Committee has been meeting almost weekly over the last two months preparing a detailed work plan and compiling cost estimates for a plan update. The Technical Committee is composed of representatives from SACOG, the Air Resources Board (ARB), the Sacramento County Air Pollution Control District (APCD), the City of Sacramento, and the County of Sacramento. It is envisioned that the Technical Committee will soon have representatives from Caltrans and the Environmental Protection Agency (EPA) as well.

Attached for your review and comment is a copy of the draft work plan for an Interim Air Quality Plan update. Also attached is a table delineating responsibility and cost by agency for completion of each task, and a timeline for the preparation of the plan.

The overriding goal of the Interim Air Quality Plan (AQP) update is to provide for future development in the Sacramento area that is consistent with the region's progress toward attainment of the federal health-based air quality standards. Implicit in this goal is the identification of the causes of high ozone and carbon monoxide concentrations in the Sacramento AQMA, the strengthening of existing ozone and carbon monoxide control measures, and the development of new control strategies. Achieving this goal will involve complex technical analyses and will require cooperation among many government agencies as well as considerable public input.

The attached workplan is broken down into two phases. Under Phase I an Interim Air Quality Plan update would be completed in approximately 15 months at an estimated cost of \$755,400. This update would contain an analysis of the air quality problem now and in the future. It would also include recommended control strategies for reducing emissions from stationary, area, and transportation sources. Under Phase II a more detailed technical analysis would be performed that would most likely include a meteorological and air quality study and the running of the Air Resources Board's Urban AIRSHED model or other photochemical grid model. Prior to proceeding to Phase II, a consultant would be hired under Phase I to advise SACOG and its member jurisdictions on the necessity and value of a meteorological and air quality study and AIRSHED modeling. The consultant might propose an alternative course of action.

The specific objectives of the Phase I Interim Air Quality Plan update are listed below:

1. To develop a baseline emissions inventory for stationary and area sources for the years 1985 and 2010;
2. To develop a 1985 and 2010 land use inventory by minor zone;
3. To develop a 1985 and 2010 transportation network;
4. To demonstrate a program and commitment by local jurisdictions in solving the region's air quality problem;
5. To evaluate various stationary, area, and transportation source control strategies for the control of volatile organic compounds (VOC's);
6. To rank control strategies in terms of relative effectiveness in reducing emissions;
7. To obtain public input on potential control strategies and measures for improving the region's air quality; and
8. To adopt, implement, and monitor a list of control strategies and measures aimed at improving the region's air quality.

The specific objectives of a Phase II Air Quality Plan update would include the same objectives listed above under Phase I plus the following:

1. To better define the magnitude of the air quality problem through the use of a meteorological and air quality study and the running of the Urban AIRSHED model or other appropriate analytical tool;
2. To generate gridded emissions and air pollution concentrations for the Sacramento area;
3. To evaluate various control measures, either individually or comprehensively, for reducing emissions through the use of a photochemical grid model (AIRSHED) or other appropriate analytical tool;
4. To evaluate the relationship between hydrocarbons and oxides of nitrogen as they relate to ozone formation; and
5. To evaluate the effects of pollutants being transported into the Sacramento AQMA and to determine whether or not transported pollutants are exacerbating or interfering with attainment of the federal ozone standard. This would most likely be accomplished through the use of a photochemical grid model, like AIRSHED, or other appropriate analytical tool.

The Sacramento Area Council of Governments will be responsible for overall program management of the Phase I Interim Air Quality Plan update. The Phase I work program calls for the establishment of a technical committee to provide technical expertise and advice on the overall work plan. This technical committee has been meeting informally for the last two months, and would become formal once the work program was approved. It is envisioned that personnel in other city, county and air pollution control districts may be needed to complete specific tasks associated with the plan update. These additional parties would be brought on board as soon as a work program was approved and their specific tasks were identified.

In addition, the work program calls for a Community Group to be established to evaluate and rank existing and new control strategies for reducing emissions from stationary, area, and transportation sources. The Community Group would be composed of interested community organizations and individuals and would be staffed by SACOG.

The attached work program calls for hiring a consultant immediately under Phase I to do a scoping study. The objective of the scoping study would be to determine if a detailed technical analysis of the Draft Plan, being developed under Phase I, is necessary and how it would be accomplished. It is assumed that a detailed technical analysis is needed in order to better define the air quality problem facing the Sacramento area and that this could be accomplished through the completion of a meteorological and air quality study and running of the Urban AIRSHED model. The consultant would provide insight into whether or not a meteorological and air quality study and running of the AIRSHED model are necessary or if other alternatives should be pursued and at what cost. The decision to proceed with Phase II of the work program and in what form would ultimately be determined by SACOG and its member jurisdictions.

Regardless of whether or not SACOG and its member jurisdictions proceed with Phase II of the work program, there is need for immediate action with regard to hiring a consultant for the scoping study. This is because the lead time necessary to prepare for a meteorological and air quality study is roughly 8-10 months prior to data collection. Data collection for a meteorological and air quality study must occur during an area's peak ozone season, which for the Sacramento area occurs annually during the months of July and August. A scoping study will take approximately 4-5 months to complete. If a meteorological and air quality study be is to be completed during July and August of 1988, then a scoping study consultant would need to be under contract no later than June 15, 1987.

If a scoping study consultant is not under contract by June 15, 1987, it is highly unlikely that a meteorological and air quality study could be completed before the summer of 1989 due to the time constraints described above.

In order to enhance the chances of completing the meteorological and air quality study during the summer of 1988, SACOG is requesting that the Sacramento County Board of Supervisors approve awarding the scoping study

contract on a sole source basis. The justification for this request lies in the fact that normal hiring procedures would call for consultants to bid on the contract through a request for proposal (RFP) process. An RFP process can take anywhere from 60-120 days to complete, and therefore, could not be used in this instance because the scoping study consultant needs to be under contract within 40 days from now.

The Phase I plan update would require approximately 15 months to complete and would cost around \$755,400. A breakdown of the costs by agency and task is summarized below.

AGENCY	TOTAL COSTS TO COMPLETE PHASE I
1) SACOG	156,000
2) City of Sacramento	100,000
3) County of Sacramento	60,000
4) Sacramento Co. APCD	313,400
5) Air Resources Board	66,000
6) Scoping Study Contract	60,000
TOTAL	755,400

If a decision is made to proceed with a Phase II Plan update, which would probably include a meteorological and air quality study and the running of the AIRSHED model, additional costs would be incurred by all agencies. Listed below are very rough estimates of what it would cost to complete a Phase II analysis of the plan. The estimates listed below could change significantly depending upon the number of future year scenarios that are modeled and analyzed and the subsequent data requirements for each scenario.

PHASE II WORK PROGRAM

1) Meteorological and air quality study	450,000-1,200,000
2) Multiple emission scenarios (1995, 2000, & 2005)	300,000
3) Running of AIRSHED or other photochemical grid model	100,000
4) Preparation of draft and final plans and plan adoption	100,000
TOTAL	950,000-1,700,000

In summary, good air quality is important to the people in the Sacramento area. An effective and successful update of the Air Quality Plan is necessary if the region is to make progress towards achieving acceptable air quality. The attached work program provides a clear path for achieving this important and worthwhile goal.

RECOMMENDATIONS

1. That the Sacramento County Board of Supervisors approve the attached work program for Phase I.
2. That the Sacramento County Board of Supervisors provide the \$60,000 for the scoping study consultant with the understanding that SACOG is pursuing a funding plan based on a per capita basis with the other jurisdictions within the Sacramento Air Quality Maintenance Area.
3. That the Sacramento County Board of Supervisors approve the sole source awarding of the scoping study contract.

DHY:bb
Attachment

cc: SACOG Counsel
Sacramento County Executive
Sacramento County Planning Department
Sacramento County Counsel
Sacramento City Planning Department
Sacramento City Counsel
Sacramento Metropolitan Chamber of Commerce
Air Resources Board
Environmental Protection Agency
Lung Association.

INTERIM AIR QUALITY PLAN WORK PROGRAM
FOR THE SACRAMENTO AIR QUALITY MAINTENANCE AREA (AQMA)
PHASE 1

TASKS	COMPLETED BY	RESPONSIBLE AGENCY
<u>I. Air Quality Plan Update</u>		
1) Overall program management	Ongoing	SACOG
2) Establish a Technical Committee (TC) to guide update composed of at least one representative from the following agencies: City of Sacramento, County of Sacramento, Sacramento County APCD, ARB, Caltrans and EPA	5/1/87	SACOG
3) Determine if the grid area used in the 1982 AQP is adequate for this update or should it be modified. This may require input from the consultant hired for the Scoping Study.	6/1/87	TC
4) Determine which jurisdictions will participate in an Air Quality Plan Update	6/1/87	SACOG
<u>II. Establish Baseline (1985) Inventory</u>		
1) Develop 1985 land use inventory by minor zone	10/1/87	Cities Counties SACOG
a) Acres of developed and undeveloped land by minor zone (Phase II activities)		
b) Land use type by minor zone (Phase II activities)		
c) Population by minor zone		
d) Employment by minor zone		
2) Develop 1985 transportation network	10/1/87	SACOG/TC
a) Develop 1985 street and highway network		
b) Develop average speeds for each street and highway link		
c) Determine number of lanes by link		
3) Develop 1985 stationary and area source inventories	4/1/88	APCDs ARB
a) Update stationary source inventory		
b) Update area source inventory		
c) Prepare 1985 stationary and area source inventories		
4) Establish 1985 on-road motor vehicle inventory	10/1/87	SACOG/TC
a) Vehicle miles traveled (average annual daily traffic - AADT)		
b) Number and types of trips taken (i.e. H-W, H-S, O-O, etc.)		
c) Mode split, if needed		
d) Coordinate the running of Sactrans and DTIM to generate mobile source emissions for 1985		
5) Prepare a comprehensive 1985 baseline emissions data set for mobile, stationary, and area sources using the above information.	5/1/88	SACOG/TC

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TASKS	COMPLETED BY	RESPONSIBLE AGENCY
6) Summarize for review and comment the data developed through the preceding five tasks	6/1/88	SACOG
7) Present findings to Technical Committee for their review and comment	6/1/88	SACOG
8) Prepare 1985 baseline emissions inventory report incorporating any changes or comments from the Technical Committee	6/15/88	SACOG
III. <u>Forecast Emissions To 2010</u>		
1) Develop 2010 land use inventory by minor zone	1/1/88	Cities Counties SACOG
a) Acres of developed and undeveloped land by minor zone (Phase II activity)		
b) Land use type by minor zone (Phase II activity)		
c) Population by minor zone		
d) Employment by minor zone		
2) Develop 2010 transportation network	1/1/88	SACOG/TC
a) Develop 2010 street and highway network		
b) Develop average speeds for each street and highway link		
c) Determine number of lanes by link		
3) Develop 2010 stationary and area source inventories	4/1/88	APCDs/ARB
a) Update stationary source inventory		
b) Update area source inventory		
c) Prepare 2010 stationary and area source inventories		
4) Develop 2010 on-road motor vehicle inventory	1/1/88	SACOG/TC
a) Vehicle miles traveled (average annual daily traffic - AADT)		
b) Number and types of trips taken (i.e. H-W, H-S, O-O, etc.)		
c) Mode split, if needed		
d) Coordinate the running of Sactrans and DTIM to generate mobile source emissions for 2010		
5) Prepare a comprehensive 2010 baseline emissions data set for mobile, stationary, and area sources using the above information.	5/1/88	SACOG/TC
6) Summarize for review and comment the data developed through the preceding five tasks	6/1/88	SACOG
7) Compare 2010 emissions to 1985 baseline emissions	6/1/88	SACOG
8) Present findings to Technical Committee for their review and comment	6/1/88	SACOG
9) Prepare 2010 forecasted emissions inventory report incorporating any comments from the Technical Committee	6/15/88	SACOG

TASKS

COMPLETED
BY RESPONSIBLE
AGENCY

IV. Evaluating Existing And New Transportation Control Strategies For Reducing Emissions

- | | | |
|--|---------|-----------------------------|
| <p>1) Stationary and area source controls</p> <p>a) Evaluate control measures contained in 1982 Air Quality Plan, REEP-SIP schedule and any potential new measures using the following criteria:</p> <ul style="list-style-type: none"> - Emission reduction estimates for each strategy, including comparison to the 1982 AQP as appropriate - Cost estimates of implementing each measure, including monitoring and enforcement - Social and political acceptability <p>b) Prepare a working paper summarizing the work above</p> <p>c) Submit working paper to Technical Committee for their review and comment</p> <p>d) Amend working paper, if appropriate, per comments received</p> | 4/1/88 | APCDs/TC |
| <p>2) Transportation source controls</p> <p>a) Evaluate control measures contained in 1982 Air Quality Plan and any potential new measures using the following criteria:</p> <ul style="list-style-type: none"> - Emission reduction estimates for each strategy, including comparison to the 1982 AQP as appropriate - Cost estimates of implementing each measure, including monitoring and enforcement - Social and political acceptability - Implementing capability (e.g. legal authority) <p>b) Prepare a working paper summarizing the work above</p> <p>c) Submit working paper to the Technical Committee for their review and comment</p> <p>d) Amend working paper, if appropriate, per comments received</p> | 4/1/88 | Cities
Counties
SACOG |
| <p>3) Mobile Source Controls</p> <p>a) Evaluate control measures contained in 1982 Air Quality Plan and any potential new measures using the following criteria:</p> <ul style="list-style-type: none"> - Emission reduction estimates for each strategy, including comparison to the 1982 AQP as appropriate - Cost estimates of implementing each measure, including monitoring and enforcement - Social and political acceptability - Implementing capability (e.g. legal authority) <p>b) Prepare a working paper summarizing the work above</p> <p>c) Submit working paper to the Technical Committee for their review and comment</p> <p>d) Amend working paper, if appropriate, per comments received</p> | 4/1/88 | ARB/TC |
| <p>4) Prepare draft Control Strategy Report</p> | 5/15/88 | SACOG |
| <p>5) Submit draft Control Strategy Report to Technical Committee and Community Group for review and comment</p> | 5/15/88 | SACOG |
| <p>6) Prepare Final Control Strategy Report based upon comments received from Technical Committee and Community Group</p> | 5/15/88 | SACOG |

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TASKS	COMPLETED BY	RESPONSIBLE AGENCY
<u>V. Continued Implementation Efforts</u>		
1) Continue implementing the SIP schedule for stationary and area sources as adopted on February 24, 1987 by the Sacramento County Air Pollution Control District	2/1/89	Sacto. Co. APCD
2) Continue to assess current transportation control measures for their effectiveness in reducing emissions along with looking at any additional programs that can be implemented between now and the completion of the Interim Air Quality Plan Update.	2/1/89	Cities Counties SACOG
<u>VI. Presentation Process</u>		
1) Prepare Draft Interim Air Quality Plan with input from Technical Committee and community groups	7/1/88	SACOG
2) Circulate Draft Interim Air Quality Plan for review and comment by affected jurisdictions and the general public		
3) Hold public workshops on Draft Interim Air Quality Plan; notice workshops in local newspapers		
<u>VII. Citizen Participation Program</u>		
1) Establish a Community Group (CG) to evaluate existing and new control strategies for reducing emissions and to provide staff assistance to the Community Group	1/1/88	SACOG
2) Stationary and area source controls	5/1/88	CG
a) Rank control measures according to their effectiveness at reducing emissions		
3) Transportation source controls	5/1/88	CG
a) Rank control measures according to their effectiveness at reducing emissions		
4) Prepare a draft evaluation paper summarizing the work above	5/15/88	CG
5) Submit working paper to Technical Committee for their review and comment	5/15/88	SACOG
6) Prepare final evaluation paper per comments received	6/1/88	CG
7) Prepare a financing plan for Phase II work	7/1/88	CG

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TASKS

COMPLETED
BY RESPONSIBLE
AGENCYVIII. Detailed Technical Analysis of Draft Interim Air Quality Plan - Phase II

The decision to proceed with a detailed technical analysis of the Draft Interim Air Quality Plan will be determined by SACOG and its member jurisdictions after receiving input from a consultant. Under this task, a consultant would be hired to advise SACOG and its member jurisdictions as to the need for and value of a meteorological and air quality study and the use of the urban AIRSHED model or another alternative in evaluating the Draft Plan. A scoping study would take approximately 4-5 months to complete with a cost not to exceed \$60,000. Once the scoping study was completed then the level of technical analysis to be performed on the Draft Plan could be decided by SACOG and its member jurisdictions.

Listed below are the tasks that would need to be undertaken if the decision is made to proceed with a scoping study.

- | | | |
|---|----------|-------------|
| 1) Draft Request for Proposal (RFP) for Scoping Study. The RFP will be prepared by the Sacramento County APCD. The RFP will contain a detailed work plan outlining exactly what would be required of the consultant hired. The cost of the scoping study is not to exceed \$60,000. | 5/19/87 | Sac Co APCD |
| 2) Request sole source awarding of scoping study contract from Sacramento County Board of Supervisors | 5/5/87 | SACOG |
| 3) Submit RFP to Technical Committee for their review and comment | 5/25/87 | Sac Co APCD |
| 4) Prepare Final RFP based upon comments received from Technical Committee | 6/1/87 | Sac Co APCD |
| 5) The Sacramento County APCD will hold interviews and award a contract to the selected consultant to perform the tasks outlined in the scoping study work plan. | 6/15/87 | Sac Co APCD |
| 6) Monitor the contract and pay the consultant for work performed | 11/15/87 | Sac Co APCD |

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AIR QUALITY PLAN WORK PROGRAM
FOR THE SACRAMENTO AIR QUALITY MAINTENANCE AREA (AQMA)
PHASE 2

TASKS	TOTAL COSTS - ALL AGENCIES
I. Meteorological and Air Quality Study	450,000-1,200,000
1) Design a detailed conceptual model and identify data base requirements	
2) Present final time and cost estimates	
3) Based on findings of the scoping study, design the data collection and field study	
a) Location, frequency, and methodology of measurements, both surface and aloft	
b) Field coordination and communication	
c) On-line data analysis	
d) Meeting and pollution episode forecasting	
4) Conduct field study	
5) Archive and evaluate aerometric and emissions data from the field study	
II. Multiple Emissions Scenarios	300,000
1) Develop comprehensive emissions inventories for stationary, area and mobile sources for the plan's intervening years (1995, 2000, 2005)	
2) Identify control strategies for stationary, area and mobile sources for these intervening years	
III. Running the AIRSHED Model	100,000
1) Conduct baseline air quality analysis	
2) Determine air quality and emissions shortfall	
3) Forecast emissions and air quality	
IV. Preparation of Report	100,000
1) Public participation	
a) Inform interested community groups of progress and solicit their input	
b) Hold public meeting and workshops	
2) Prepare draft of Air Quality Plan	
3) Public, state and federal review of draft	
4) Prepare final Air Quality Plan	

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PHASE I
ASSIGNMENT OF TASKS AND COSTS FOR DRAFT INTERIM AIR QUALITY PLAN

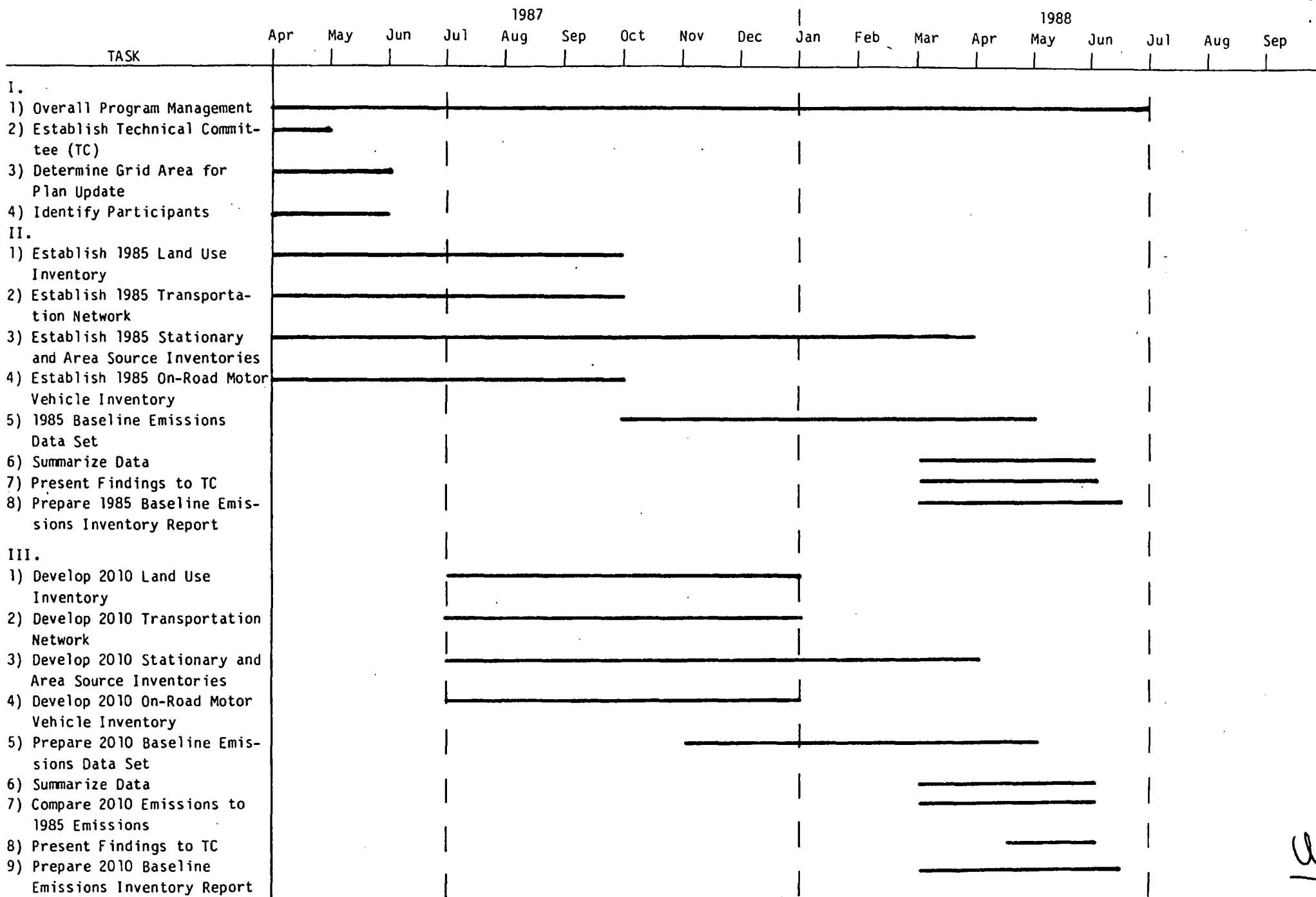
TASKS	PARTIES INVOLVED IN COMPLETING THE TASKS							
	SACOG	Sacramento County	City of Sacramento	Sacramento County APCD	Air Resources Board	Technical Committee	Other Cities and Counties	Other APCDs
I. 1) Overall program management	X							
2) Establish Technical Committee	X							
3) Determine grid area for plan update						X		
4) Air Quality Plan participants	X							
Cost By Agency	13,000	0	0	0	0	0	0	0
II. 1) Establish 1985 land use inventory	X	X	X				X	
2) Establish 1985 transportation network	X					X		
3) Establish 1985 stationary and area source inventory				X	X			X
4) Establish 1985 on-road motor vehicle inventory	X					X		
5) Prepare 1985 baseline emissions data set	X					X		
6) Summarize data	X							
7) Present findings to Technical Committee	X					X		
8) Prepare 1985 Baseline Emissions Inventory Report	X							
Cost By Agency	36,000	6,000		54,000	33,000	0	Unknown	Unknown
III. 1) Develop 2010 land use inventory	X	X	X				X	
2) Develop 2010 transportation network	X					X		
3) Develop 2010 stationary and area source inventory				X	X			X
4) Develop 2010 on-road motor vehicle inventory	X					X		
5) Prepare 2010 baseline emissions data set	X					X		
6) Summarize data	X							
7) Compare 2010 emissions to 1985 emissions	X							
8) Present findings to Technical Committee	X					X		
9) Prepare 2010 Baseline Emissions Inventory Report	X							
Cost By Agency	34,600	12,000		4,200	33,000	0	Unknown	Unknown

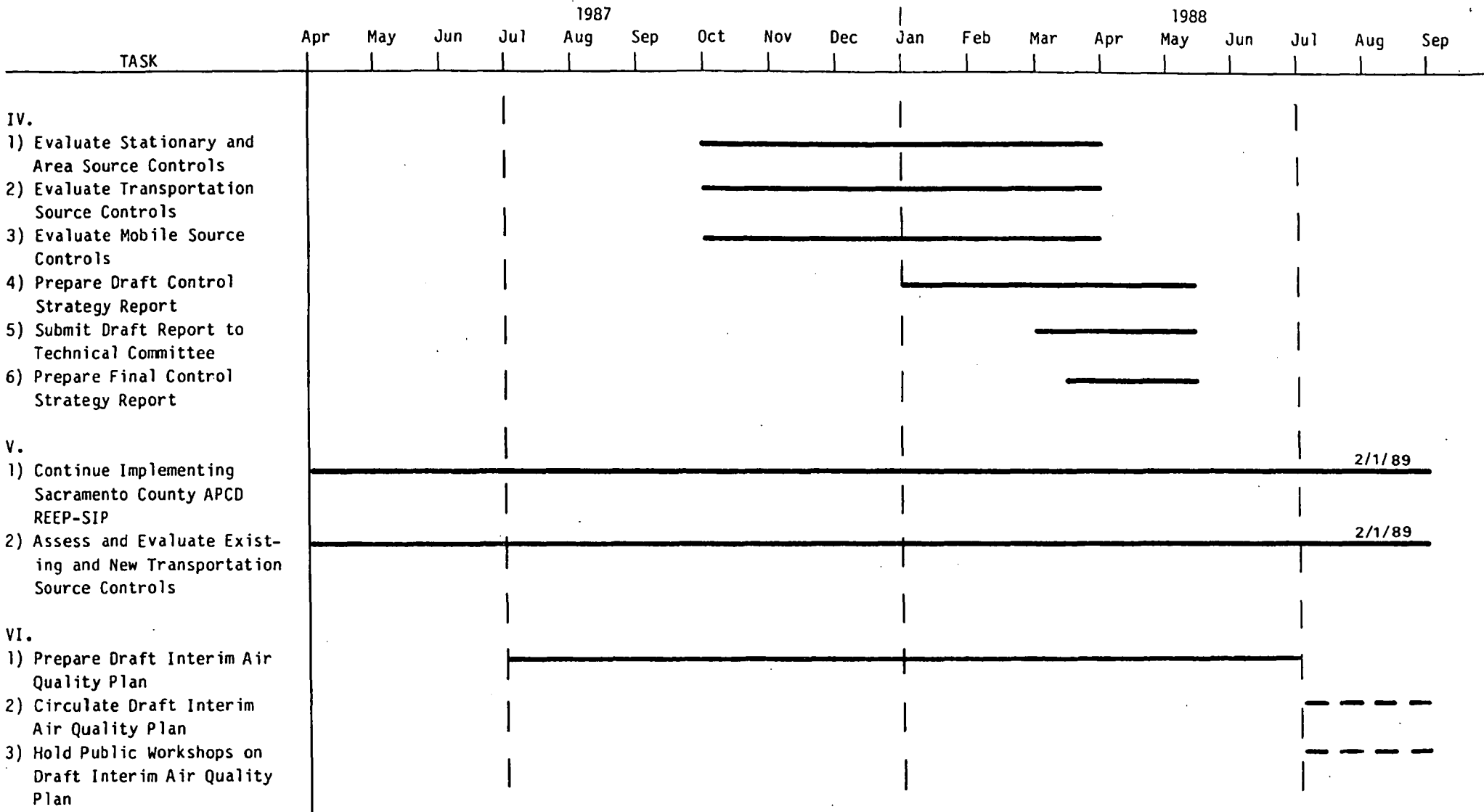
TASKS	PARTIES INVOLVED IN COMPLETING THE TASKS							
	SACOG	Sacramento County	City of Sacramento	Sacramento County APCD	Air Resources Board	Technical Committee	Other Cities and Counties	Other APCDs
IV. 1) Evaluate stationary and area source controls				X		X		X
2) Evaluate transportation source controls	X	X	X			X	X	
3) Evaluate mobile source controls					X	X		
4) Prepare Draft Control Strategy Report	X							
5) Submit draft report to Technical Committee	X					X		
6) Prepare Final Control Strategy Report	X							
Cost By Agency	8,700	6,000		75,200	0	0	Unknown	Unknown
V. 1) Continue implementing Sacramento Co. APCD REEP-SIP				X				
2) Assess and evaluate existing and new transportation source controls	X	X	X				X	
Cost By Agency	26,000	30,000		175,600	0	0	Unknown	Unknown
VI. 1) Prepare Draft Interim Air Quality Plan	X					X		
2) Circulate Draft Interim Air Quality Plan	X					X		
3) Hold public workshops on Draft Interim Air Quality Plan	X					X		
Cost By Agency	21,200	5,000		0	0	0	Unknown	Unknown
VII. 1) Establish Community Group to help evaluate new and existing controls	X							
2) Evaluate and rank stationary and area source controls	X							
3) Evaluate and rank transportation source controls	X							
4) Prepare draft evaluation paper summarizing work above	X							
5) Submit paper to Technical Committee	X					X		
6) Prepare Final Evaluation Paper per comments received	X							
7) Prepare financing plan for Phase II work	X					X		
Cost By Agency	16,200	1,000		0	0	0	Unknown	Unknown

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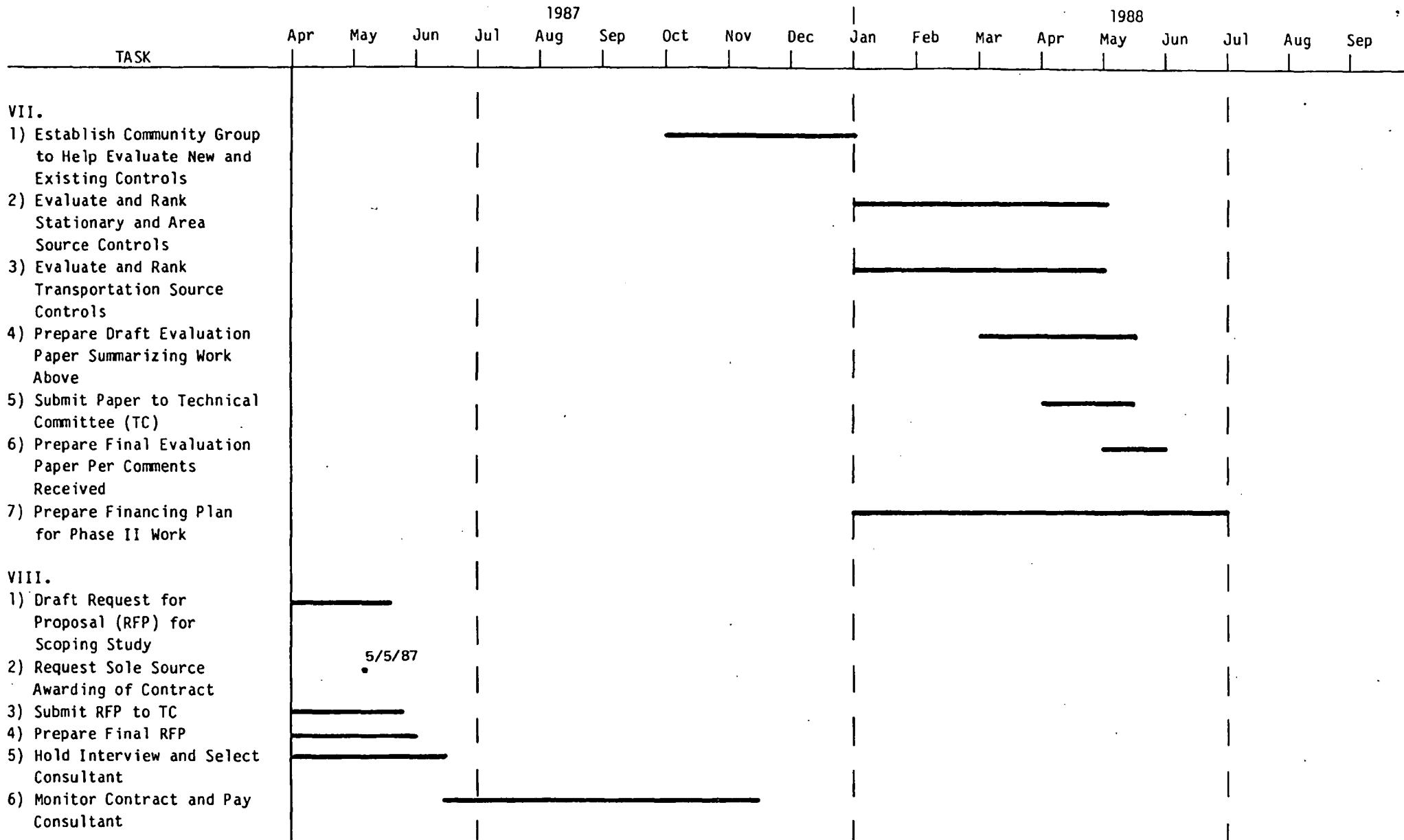
TASKS	PARTIES INVOLVED IN COMPLETING THE TASKS							
	SACOG	Sacramento County	City of Sacramento	Sacramento County APCD	Air Resources Board	Technical Committee	Other Cities and Counties	Other APCDs
VIII: 1) Draft Request for Proposal (RFP) for scoping study				X				
2) Request sole source awarding of contract	X			X				
3) Submit RFP to Technical Committee						X		
4) Prepare final RFP				X				
5) Hold interviews and select consultant				X				
6) Monitor the contract and pay the consultant				X				
Cost By Agency	0	0	0	4,200	0	0	0	0
TOTAL COST	156,000	60,000	100,000	313,400	66,000	0	Unknown	Unknown

TIME LINE FOR DRAFT INTERIM AIR QUALITY PLAN - PHASE I





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5/5/87