State of California

AIR RESOURCES BOARD

Resolution 89-69
September 15, 1989

WHEREAS, the Air Resources Board has been directed to design and implement a comprehensive program of research and monitoring of acid deposition in California pursuant to Health and Safety Code Sections 39900 through 39911;

WHEREAS, an unsolicited research proposal, Number 182-34 entitled "Effects of Acidity and Ozone on Airway Epithelium", has been submitted by the University of California, San Francisco;

WHEREAS, the Research Division staff has reviewed and recommended this proposal for approval; and

WHEREAS, the Scientific Advisory Committee on Acid Deposition has reviewed and recommends for funding:

> Proposal Number 182-34, entitled "Effects of Acidity and Ozone on Airway Epithelium", submitted by the University of California, San Francisco, for a total amount not to exceed $204,558.

NOW, THEREFORE, BE IT RESOLVED, that the Air Resources Board, pursuant to the authority granted by Health and Safety Code Section 39904, hereby accepts the recommendation of the Scientific Advisory Committee on Acid Deposition and approves the following:

> Proposal Number 182-34, entitled "Effects of Acidity and Ozone on Airway Epithelium", submitted by the University of California, San Francisco, for a total amount not to exceed $204,558.

BE IT FURTHER RESOLVED, that the Executive Officer is hereby authorized to initiate administrative procedures and execute all necessary documents and contracts for the research effort proposed herein in an amount not to exceed $204,558.

I hereby certify that the above is a true and correct copy of Resolution #89-69, as adopted by the Air Resources Board.

Cary Allison

Cary Allison, Board Secretary

State of California

AIR RESOURCES BOARD

Resolution 89-70
September 15, 1989

WHEREAS, the Air Resources Board has been directed to design and implement a comprehensive program of research and monitoring of acid deposition in California pursuant to Health and Safety Code Sections 39900 through 39911;

WHEREAS, an unsolicited research proposal, Number 184-34 entitled "The Application of the Alpine Lake Forecaster to Watersheds in the Sierra Nevada", has been submitted by the U.S. Geological Survey:

WHEREAS, the Research Division staff has reviewed and recommended this proposal for approval; and

WHEREAS, the Scientific Advisory Committee on Acid Deposition has reviewed and recommends for funding:

> Proposal Number 184-34, entitled "The Application of the Alpine Lake Forecaster to Watersheds in the Sierra Nevada", submitted by the U.S. Geological Survey, for a total amount not to exceed $83,791.

NOW, THEREFORE, BE IT RESOLVED, that the Air Resources Board, pursuant to the authority granted by Health and Safety Code Section 39904, hereby accepts the recommendation of the Scientific Advisory Committee on Acid Deposition and approves the following:

> Proposal Number 184-34, entitled "The Application of the Alpine Lake Forecaster to Watersheds in the Sierra Nevada", submitted by the U.S. Geological Survey, for a total amount not to exceed $83,791.

BE IT FURTHER RESOLVED, that the Executive Officer is hereby authorized to initiate administrative procedures and execute all necessary documents and contracts for the research effort proposed herein in an amount not to exceed $83,791.

I hereby certify that the above is a true and correct copy of Resolution #89-70, as adopted by the Air Resources Board.

Cary Allison, Board Secretary

State of California

AIR RESOURCES BOARD

Resolution 89-71
September 15, 1989

WHEREAS, the Air Resources Board has been directed to design and implement a comprehensive program of research and monitoring of acid deposition in California pursuant to Health and Safety Code Sections 39900 through 39911;

WHEREAS, a solicited research proposal, Number 186-34 entitled "Pilot Studies to Develop Sensitive Markers for Detecting Health Effects of Acidic Atmospheres", has been submitted by University of Cincinnati;

WHEREAS, the Research Division staff has reviewed and recommended this proposal for approval; and

WHEREAS, the Scientific Advisory Committee on Acid Deposition has reviewed and recommends for funding:

> Proposal Number 186-34, entitled "Pilot Studies to Develop Sensitive Markers for Detecting Health Effects of Acidic Atmospheres", submitted by University of Cincinnati, for a total amount not to exceed $119,746.

NOW, THEREFORE, BE IT RESOLVED, that the Air Resources Board, pursuant to the authority granted by Health and Safety Code Section 39904, hereby accepts the recommendation of the Scientific Advisory Committee on Acid Deposition and approves the following:

> Proposal Number 186-34, entitled "Pilot Studies to Develop Sensitive Markers for Detecting Health Effects of Acidic Atmospheres", submitted by University of Cincinnati, for a total amount not to exceed $119,746.

BE IT FURTHER RESOLVED, that the Executive Officer is hereby authorized to initiate administrative procedures and execute all necessary documents and contracts for the research effort proposed herein in an amount not to exceed $119,746.

I hereby certify that the above is a true and correct copy of Resolution #89-71, as adopted by the Air Resources Board.

Cary Allison

Cary Allison, Board Secretary

State of California

AIR RESOURCES BOARD

Resolution 89-72
September 15, 1989

WHEREAS, the Air Resources Board has been directed to design and implement a comprehensive program of research and monitoring of acid deposition in California pursuant to Health and Safety Code Sections 39900 through 39911;

WHEREAS, a solicited research proposal, Number 189-34 entitled "Pilot Studies to Develop Sensitive Markers for Detecting Health Effects of Acidic Atmospheres," has been submitted by the University of California, Irvine.

WHEREAS, the Research Division staff has reviewed and recommended this proposal for approval; and

WHEREAS, the Scientific Advisory Committee on Acid Deposition has reviewed and recommends for funding:

> Proposal Number 189-34, entitled "Pilot Studies to Develop Sensitive Markers for Detecting Health Effects of Acidic Atmospheres," submitted by the University of California, Irvine, for a total amount not to exceed $122,924.

NOW, THEREFORE, BE IT RESOLVED, that the Air Resources Board, pursuant to the authority granted by Health and Safety Code Section 39904, hereby accepts the recommendation of the Scientific Advisory Committee on Acid Deposition and approves the following:

> Proposal Number 189-34, entitled "Pilot Studies to Develop Sensitive Markers for Detecting Health Effects of Acidic Atmospheres," submitted by the University of California, Irvine, for a total amount not to exceed $122,924.

BE IT FURTHER RESOLVED, that the Executive Officer is hereby authorized to initiate administrative procedures and execute all necessary documents and contracts for the research effort proposed herein in an amount not to exceed $122,924.

I hereby certify that the above is a true and correct copy of Resolution #89-72, as adopted by the Air Resources Board.

Cary Allison, Board Secretary

State of California

AIR RESOURCES BOARD

Resolution 89-73
September 15, 1989

WHEREAS, the Air Resources Board has been directed to design and implement a comprehensive program of research and monitoring of acid deposition in California pursuant to Health and Safety Code Sections 39900 through 39911;

WHEREAS, a solicited research proposal, Number 193-34 entitled "Southern California Air Quality Study - Atmospheric Acidity Data Analysis", has been submitted by AV Projects Inc.;

WHEREAS, the Research Division staff has reviewed and recommended this proposal for approval; and

WHEREAS, the Scientific Advisory Committee on Acid Deposition has reviewed and recommends for funding:

> Proposal Number 193-34, entitled "Southern California Air Quality Study - Atmospheric Acidity Data Analysis", submitted by AV Projects Inc., for a total amount not to exceed $145,292.

NOW, THEREFORE, BE IT RESOLVED, that the Air Resources Board, pursuant to the authority granted by Health and Safety Code Section 39904, hereby accepts the recommendation of the Scientific Advisory Committee on Acid Deposition and approves the following:

> Proposal Number 193-34, entitled "Southern California Air Quality Study - Atmospheric Acidity Data Analysis", submitted by AV Projects Inc., for a total amount not to exceed $145,292.

BE IT FURTHER RESOLVED, that the Executive Officer is hereby authorized to initiate administrative procedures and execute all necessary documents and contracts for the research effort proposed herein in an amount not to exceed $145,292.

I hereby certify that the above is a true and correct copy of Resolution #89-73, as adopted by the Air Resources Board.

Cary Allison, Board Secretary

State of California

AIR RESOURCES BOARD

Resolution 89-75
September 15, 1989

WHEREAS, the Air Resources Board has been directed to design and implement a comprehensive program of research and monitoring of acid deposition in California pursuant to Health and Safety Code Sections 39900 through 39911;

WHEREAS, a solicited research proposal, Number 201-34 entitled "Wet Deposition Monitoring in the Alpine Zone in the Sierra Nevada", has been submitted by the University of California, Santa Barbara;

WHEREAS, the Research Division staff has reviewed and recommended this proposal for approval; and

WHEREAS, the Scientific Advisory Committee on Acid Deposition has reviewed and recommends for funding:

> Proposal Number 201-34, entitled "Wet Deposition Monitoring in the Alpine Zone in the Sierra Nevada", submitted by the University of California, Santa Barbara, for a total amount not to exceed $469,798.

NOW, THEREFORE, BE IT RESOLVED, that the Air Resources Board, pursuant to the authority granted by Health and Safety Code Section 39904, hereby accepts the recommendation of the Scientific Advisory Committee on Acid Deposition and approves the following:

> Proposal Number 201-34, entitled "Wet Deposition Monitoring in the Alpine Zone in the Sierra Nevada", submitted by the University of California, Santa Barbara, for a total amount not to exceed $469,798.

BE IT FURTHER RESOLVED, that the Executive Officer is hereby authorized to initiate administrative procedures and execute all necessary documents and contracts for the research effort proposed herein in an amount not to exceed $469,798.

I hereby certify that the above is a true and correct copy of Resolution #89-75, as adopted by the Air Resources Board.

Cary Allison

Cary Allison, Board Secretary