

**State of California
AIR RESOURCES BOARD**

Resolution 91-31

June 13, 1991

Agenda Item No: 91-5-3

WHEREAS, the Air Resources Board has been directed to carry out an effective research program in conjunction with its efforts to combat air pollution, pursuant to Health and Safety Code Sections 39700 through 39705;

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 1868-163, entitled "Epidemiologic Investigation to Identify Chronic Effects of Ambient Air Pollutants in Southern California" has been submitted by the University of Southern California;

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

WHEREAS, the Research Screening Committee and the Scientific Advisory Committee on Acid Deposition have reviewed and recommend for funding:

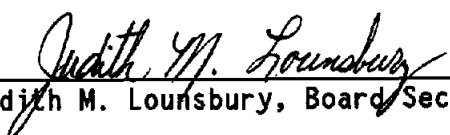
Proposal Number 1868-163, entitled "Epidemiologic Investigation to Identify Chronic Effects of Ambient Air Pollutants in Southern California," submitted by the University of Southern California, for a total amount not to exceed \$2,613,868.

NOW, THEREFORE, BE IT RESOLVED, that the Air Resources Board, pursuant to the authority granted by Health and Safety Code Sections 39703 and 39904, hereby accepts the recommendation of the Research Screening Committee and the Scientific Advisory Committee on Acid Deposition and approves the following:

Proposal Number 1868-163, entitled "Epidemiologic Investigation to Identify Chronic Effects of Ambient Air Pollutants in Southern California," submitted by the University of Southern California, for a total amount not to exceed \$2,613,868.

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 \$2,613,868.

I hereby certify that the above is a true and correct copy of Resolution 91-31, as adopted by the Air Resources Board.


Judith M. Lounsbury, Board Secretary

State of California
AIR RESOURCES BOARD

Resolution 91-32

June 13, 1991

Agenda Item No.: 91-5-3

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 226-42 entitled "Regional Source-Receptor Relationships for Atmospheric Acidity and Acid Deposition in California," has been submitted by ENSR Consulting and Engineering;

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:

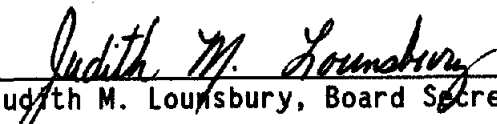
Proposal Number 226-42 entitled "Regional Source-Receptor Relationships for Atmospheric Acidity and Acid Deposition in California," submitted by ENSR Consulting and Engineering, for a total amount not to exceed \$175,817.

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 226-42 entitled "Regional Source-Receptor Relationships for Atmospheric Acidity and Acid Deposition in California," submitted by ENSR Consulting and Engineering, for a total amount not to exceed \$175,817.

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 \$175,817.

I hereby certify that the above is a true and correct copy of Resolution 91-32, as adopted by the Air Resources Board.


Judith M. Lounsbury, Board Secretary

**State of California
AIR RESOURCES BOARD**

Resolution 91-33

June 13, 1991

Agenda Item No.: 91-5-3

WHEREAS, the Air Resources Board has been directed to carry out an effective research program in conjunction with its efforts to combat air pollution, pursuant to Health and Safety Code Sections 39900 through 39911;

WHEREAS, an interagency research proposal, Number 228-42, entitled "Comparative Analyses of High-Altitude Lakes and Catchments in the Sierra Nevada: Susceptibility to Acidification", 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:

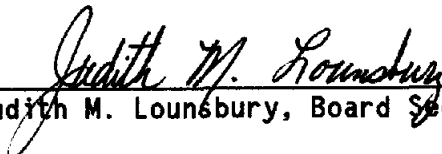
Proposal Number 228-42, entitled "Comparative Analyses of High-Altitude Lakes and Catchments in the Sierra Nevada: Susceptibility to Acidification", submitted by the University of California, Santa Barbara, for a total amount not to exceed \$525,539.

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 228-42, entitled "Comparative Analyses of High-Altitude Lakes and Catchments in the Sierra Nevada: Susceptibility to Acidification", submitted by the University of California, Santa Barbara, for a total amount not to exceed \$525,539.

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 \$525,539.

I hereby certify that the above is a true and correct copy of Resolution 91-33, as adopted by the Air Resources Board.



Judith M. Lounsbury, Board Secretary

State of California
AIR RESOURCES BOARD

Resolution 91-34

June 13, 1991

Agenda Item No.: 91-5-3

WHEREAS, the Air Resources Board has been directed to carry out an effective research program in conjunction with its efforts to combat air pollution, pursuant to Health and Safety Code Sections 39900 through 39911;

WHEREAS, an intergovernmental research proposal, Number 229-42 entitled "Monitoring for Acidic Snowmelt Episodes in the Sierra Nevada", has been submitted by the Environmental Protection Agency;

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:

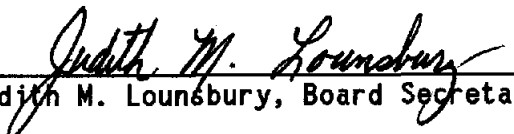
Proposal Number 229-42 entitled "Monitoring for Acidic Snowmelt Episodes in the Sierra Nevada", submitted by the Environmental Protection Agency, for a total amount not to exceed \$278,456.

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 229-42 entitled "Monitoring for Acidic Snowmelt Episodes in the Sierra Nevada", submitted by the Environmental Protection Agency for a total amount not to exceed \$278,456.

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 \$278,456.

I hereby certify that the above is a true and correct copy of Resolution 91-34, as adopted by the Air Resources Board.


Judith M. Lounsbury, Board Secretary

**State of California
AIR RESOURCES BOARD**

Resolution 91-35

June 13, 1991

Agenda Item No.: 91-5-3

WHEREAS, the Air Resources Board has been directed to carry out an effective research program in conjunction with its efforts to combat air pollution, pursuant to Health and Safety Code Sections 39700 through 39705;

WHEREAS, a solicited research proposal, Number 1859-163, entitled "Analysis of Data From the Lynwood Carbon Monoxide Study" has been submitted by the Desert Research Institute;

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

WHEREAS, the Research Screening Committee has reviewed and recommends for funding:

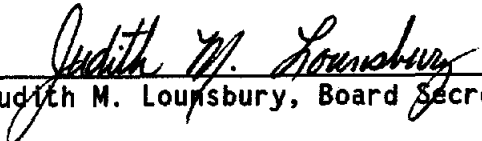
Proposal Number 1859-163, entitled "Analysis of Data From the Lynwood Carbon Monoxide Study," submitted by the Desert Research Institute, for a total amount not to exceed \$169,632.

NOW, THEREFORE, BE IT RESOLVED, that the Air Resources Board, pursuant to the authority granted by Health and Safety Code Section 39703, hereby accepts the recommendation of the Research Screening Committee and approves the following:

Proposal Number 1859-163, entitled "Analysis of Data From the Lynwood Carbon Monoxide Study," submitted by the Desert Research Institute, for a total amount not to exceed \$169,632.

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 \$169,632

I hereby certify that the above
is a true and correct copy of
Resolution 91-35, as adopted by
the Air Resources Board.



Judith M. Lounsbury, Board Secretary

State of California
AIR RESOURCES BOARD

Resolution 91-36

June 13, 1991

Agenda Item No.: 91-5-3

WHEREAS, the Air Resources Board has been directed to carry out an effective research program in conjunction with its efforts to combat air pollution, pursuant to Health and Safety Code Sections 39700 through 39705;

WHEREAS, an unsolicited research proposal, Number 1866-163 entitled "Incentives for Trip Reduction Through Housing Location Near California's Rail Transit Stations", has been submitted by the Institute of Urban and Regional Development of the University of California, Berkeley;

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

WHEREAS, the Research Screening Committee has reviewed and recommends for funding:

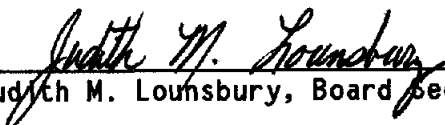
Proposal Number 1866-163 entitled "Incentives for Trip Reduction Through Housing Location Near California's Rail Transit Stations," submitted by the Institute of Urban and Regional Development of the University of California, Berkeley, for a total amount not to exceed \$47,803.

NOW, THEREFORE, BE IT RESOLVED, that the Air Resources Board, pursuant to the authority granted by Health and Safety Code Section 39703, hereby accepts the recommendation of the Research Screening Committee and approves the following:

Proposal Number 1866-163 entitled "Incentives for Trip Reduction Through Housing Location Near California's Rail Transit Stations," submitted by the Institute of Urban and Regional Development of the University of California, Berkeley, for a total amount not to exceed \$47,803.

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 \$47,803.

I hereby certify that the above is a true and correct copy of Resolution 91-36, as adopted by the Air Resources Board.


Judith M. Lounsbury, Board Secretary

State of California

AIR RESOURCES BOARD

Resolution 91-37

June 13, 1991

Agenda Item No.: 91-5-1

WHEREAS, the Air Resources Board has been directed to carry out an effective research program in conjunction with its efforts to combat air pollution, pursuant to Health and Safety Code Sections 39700 through 39705;

WHEREAS, an interagency research proposal, Number 1865-163 entitled "Measurement of Breathing Rate and Volume in Routinely Performed Daily Activities", has been submitted by the University of California, Davis;

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

WHEREAS, the Research Screening Committee has reviewed and recommends for funding:

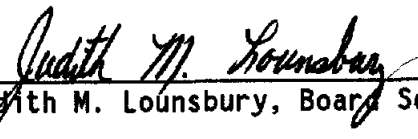
Proposal Number 1865-163 entitled "Measurement of Breathing Rate and Volume in Routinely Performed Daily Activities", submitted by the University of California, Davis, for a total amount not to exceed \$84,251.

NOW, THEREFORE, BE IT RESOLVED, that the Air Resources Board, pursuant to the authority granted by Health and Safety Code Section 39703, hereby accepts the recommendation of the Research Screening Committee and approves the following:

Proposal Number 1865-163 entitled "Measurement of Breathing Rate and Volume in Routinely Performed Daily Activities", submitted by the University of California, Davis, for a total amount not to exceed \$84,251.

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 \$84,251.

I hereby certify that the above is a true and correct copy of Resolution 91-37, as adopted by the Air Resources Board.


Judith M. Lounsbury, Board Secretary

State of California
AIR RESOURCES BOARD

Resolution 91-38

June 13, 1991

Agenda Item No.: 91-5-3

WHEREAS, the Air Resources Board has been directed to carry out an effective research program in conjunction with its efforts to combat air pollution, pursuant to Health and Safety Code Sections 39700 through 39705;

WHEREAS, an interagency research proposal, Number 1864-163 entitled "Effects of Canopy Structure and Open-Top Chamber Techniques on Ozone Distribution and Stomatal Control of Ozone Uptake in Tree Crops in the San Joaquin Valley," has been submitted by the University of California, Riverside;

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

WHEREAS, the Research Screening Committee has reviewed and recommends for funding:

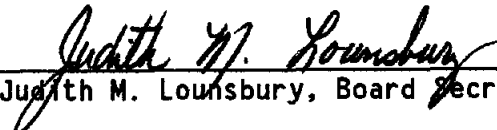
Proposal Number 1864-163 entitled "Effects of Canopy Structure and Open-Top Chamber Techniques on Ozone Distribution and Stomatal Control of Ozone Uptake in Tree Crops in the San Joaquin Valley", submitted by the University of California, Riverside, for a total amount not to exceed \$75,039.

NOW, THEREFORE, BE IT RESOLVED, that the Air Resources Board, pursuant to the authority granted by Health and Safety Code Section 39703, hereby accepts the recommendation of the Research Screening Committee and approves the following:

Proposal Number 1864-163 entitled "Effects of Canopy Structure and Open-Top Chamber Techniques on Ozone Distribution and Stomatal Control of Ozone Uptake in Tree Crops in the San Joaquin Valley", submitted by the University of California, Riverside, for a total amount not to exceed \$75,039.

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 \$75,039.

I hereby certify that the above
is a true and correct copy of
Resolution 91-38, as adopted by
the Air Resources Board.


Judith M. Lounsbury, Board Secretary