

State of California

AIR RESOURCES BOARD

Resolution 90-67

December 14, 1990

Agenda Item: 90-20-2

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 1800-159, entitled "Remote Sensing and In-Use Emissions of Motor Vehicles," has been submitted by the University of Denver;

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:

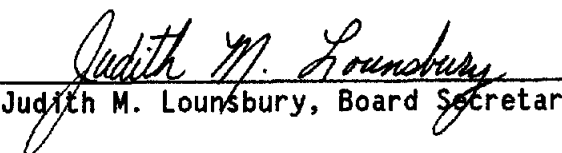
Proposal Number 1800-159, entitled "Remote Sensing and In-Use Emissions of Motor Vehicles," submitted by the University of Denver, for a total amount not to exceed \$329,393.

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 1800-159, entitled "Remote Sensing and In-Use Emissions of Motor Vehicles," submitted by the University of Denver, for a total amount not to exceed \$329,393.

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 \$329,393.

I hereby certify that the above is a true and correct copy of Resolution 90-67, as adopted by the Air Resources Board.


Judith M. Lounsbury, Board Secretary

State of California
AIR RESOURCES BOARD

Resolution 90-81

December 14, 1990

Agenda Item No.: 91-1-5

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 220-39 entitled "Studies to Determine Long-Term Health Effects of Acidic Atmospheres," has been submitted by New York University Medical Center;

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:

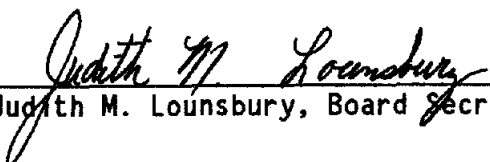
Proposal Number 220-39, entitled "Studies to Determine Long-Term Health Effects of Acidic Atmospheres," submitted by New York University, for a total amount not to exceed \$609,432.

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 220-39, entitled "Studies to Determine Long-Term Health Effects of Acidic Atmospheres," submitted by New York University, for a total amount not to exceed \$609,432.

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 \$609,432.

I certify that the above is a true and correct copy of Resolution 90-81, as adopted by the Air Resources Board.


Judith M. Lounsbury, Board Secretary

State of California
AIR RESOURCES BOARD

Resolution 90-82

December 14, 1990

Agenda Item No.: 91-1-5

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 221-39 entitled "Studies to Determine Long-Term Health Effects in Acidic Atmospheres," has been submitted by 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:

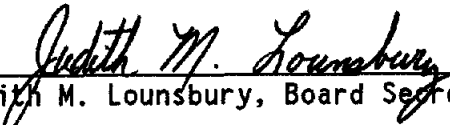
Proposal Number 221-39, entitled "Studies to Determine Long-Term Health Effects in Acidic Atmospheres," submitted by University of California, Irvine, for a total amount not to exceed \$490,000.

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 221-39, entitled "Studies to Determine Long-Term Health Effects in Acidic Atmospheres," submitted by University of California, Irvine, for a total amount not to exceed \$490,000.

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 \$409,000.

I hereby certify that the above is a true and correct copy of Resolution 90-82, as adopted by the Air Resources Board.


Judith M. Lounsbury, Board Secretary

State of California
AIR RESOURCES BOARD

Resolution 90-83

December 14, 1990

Agenda Item No.: 91-1-5

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 unsolicited research proposal, Number 222-40, entitled "Watershed Biogeochemical Processes Affecting Surface Waters in the Sierra Nevada, with Emphasis on Snow Melt Episodes", 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:

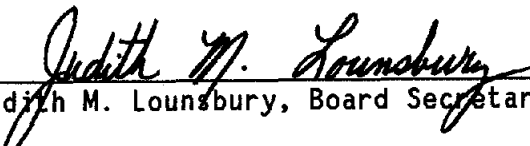
Proposal Number 222-40, entitled "Watershed Biogeochemical Processes Affecting Surface Waters in the Sierra Nevada, with Emphasis on Snow Melt Episodes", submitted by the University of California, Santa Barbara, for a total amount not to exceed \$352,659.

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 222-40, entitled "Watershed Biogeochemical Processes Affecting Surface Waters in the Sierra Nevada, with Emphasis on Snow Melt Episodes", submitted by the University of California, Santa Barbara, for a total amount not to exceed \$352,659.

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 \$352,659.

I hereby certify that the above is a true and correct copy of Resolution 90-83, as adopted by the Air Resources Board.


Judith M. Lounsbury, Board Secretary

State of California
AIR RESOURCES BOARD

Resolution 90-84

December 14, 1990

Agenda Item No.: 91-1-5

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 1794-159 entitled "Determination of Usage Patterns and Emissions for Propane/LPG", has been submitted by Freeman, Sullivan & Co.;

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:

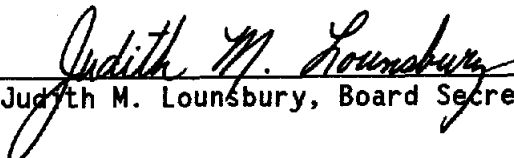
Proposal Number 1794-159 entitled "Determination of Usage Patterns and Emissions for Propane/LPG", submitted by Freeman, Sullivan & Co., for a total amount not to exceed \$37,960.

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 1794-159 entitled "Determination of Usage Patterns and Emissions for Propane/LPG", submitted by Freeman, Sullivan & Co., for a total amount not to exceed \$37,960.

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 \$37,960.

I hereby certify that the above
is a true and correct copy of
Resolution 90-84, as adopted by
the Air Resources Board.


Judith M. Lounsbury, Board Secretary

State of California
AIR RESOURCES BOARD

Resolution 90-85

December 14, 1990

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 1797-159 entitled "Biodegradation Technology for VOC Removal from Airstreams; Phase 1: Performance Verification" 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 No. 1797-159 entitled "Biodegradation Technology for VOC Removal from Airstreams; Phase 1: Performance Verification" submitted by the University of California, Davis, for a total amount not to exceed \$53,178.

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 No. 1797-159 entitled "Biodegradation Technology for VOC Removal from Airstreams; Phase 1: Performance Verification" submitted by the University of California, Davis, for a total amount not to exceed \$53,178.

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 \$53,178.

I hereby certify that the above is a true and correct copy of Resolution 90-85, as adopted by the Air Resources Board.



Jude Lounsbury, Board Secretary