

December 9, 2019

Mary Nichols, Chair  
California Air Resources Board  
1001 I Street  
Sacramento, CA 95814

**RE: Advanced Clean Trucks Rule Comments, Union of Concerned Scientists**

Dear Chair Nichols and Board Members,

Supporters of the Union of Concerned Scientists submitted 2098 comments addressed to CARB staff during the informal public comment period and 2802 comments to the CARB Board during the 45-day public comment period for the Advanced Clean Trucks (ACT) Rule.

Attached are additional petition signatures calling for a stronger ACT Rule from attendees of the Youth Climate Strike in San Francisco on September 20 (93 signatures), and the annual convening of the American Public Health Association in Philadelphia from November 2-6 (15 signatures).

Sincerely,

Joyce Xi  
Western States Campaign Coordinator  
Union of Concerned Scientists

Below is the example public comment language used by UCS supporters:

As a California resident and supporter of science-based policy, I urge the California Air Resources Board (CARB) to adopt a much stronger Advanced Clean Trucks (ACT) Rule.

We need strong action now to curb the climate crisis and the pollution burdens for communities in California. As you know, California still has the worst air quality in the nation, and trucks contribute disproportionately to these emissions. Setting a standard that only results in four percent zero-emission trucks on the road by 2030 is not good enough.

I support CARB taking stronger and faster measures through the ACT. I urge CARB to:

- commit to higher sales targets for zero-emission trucks;
- begin sales targets for all types of trucks in 2024;
- set aggressive goals for zero-emission truck adoption beyond 2030.

## Tell California: Act Now to Advance Clean Trucks

The transportation sector is the biggest emitter of global warming pollution and heavy-duty trucks are some of the biggest polluters. Trucks make up only 7% of vehicles in California, yet they are responsible for 20% of carbon emissions, 40% NOx emissions, and 27% of particulate matter from the transportation sector. Truck pollution disproportionately hurts communities of color located near busy roads and freight hotspots.

**Urge the CA Air Resources Board (CARB) to adopt a stronger standard for zero emissions trucks, one that would require truck makers to sell more electric pick-ups, delivery, and 18-wheeler trucks.**

To: California Air Resources Board



As a California resident and supporter of science-based policy, I urge you to adopt a much stronger Advanced Clean Truck (ACT) Rule.

We cannot afford to wait on climate action or wait on reducing the pollution burdens for communities in California. As you know, California still has the worst air quality in the nation, and trucks contribute disproportionately to these emissions. Setting a standard that only results in four percent zero-emission trucks on the road by 2030 is not good enough.

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Thank you for your consideration.

Name		Zipcode	
	Maya Nichols		94602
	Max Lapides		94610

# Union of Concerned Scientists

Science for a Healthy Planet and Safer World

Name	Zipcode
Liza BENDER	94404
Ma Wasan	94137
Soleang	94131
win Jimisniam	94027
Dick Kingan	94947
Rafael Macado	
Julia Garcia	94621
Bobby Harden	94123

Union of  
**Concerned Scientists**  
Science for a Healthy Planet and Safer World

Name			Zipcode	
Guarrie Cornblith			94704	
Srinidhi Sampath Kumar			94707	
Michelle Galecki			94606	
Adrian Arrivillaga			94606	
Jessica Eivell			94709	
Monica Lea-rtt				
			94709	
Paul Ryan				
Kaylie Davis			94704	

Union of  
**Concerned Scientists**  
Science for a Healthy Planet and Safer World

Name		Zipcode
Lee Pfeil		94612
Ray Shickler		94601
Devin CRAIN		94601
Barbara Wilson		94107
Ashley Hewman		
MICHELLE MARTIN		94107
John Anderson		St 94115
Cheryl Potel		94121
Donna Heagans		94501

Union of  
Concerned Scientists  
Science for a Healthy Planet and a Sustainable Future

Name	Address	Zipcode
Sarah H. Hargrave	[REDACTED]	94928
Chase Hyma	[REDACTED]	95404
Jillian Buckholz	[REDACTED]	94011
Johnnie Chamberlin	[REDACTED]	94980
Andrew Nguyen	[REDACTED]	94619

**Tell California: Act Now to Advance Clean Trucks**

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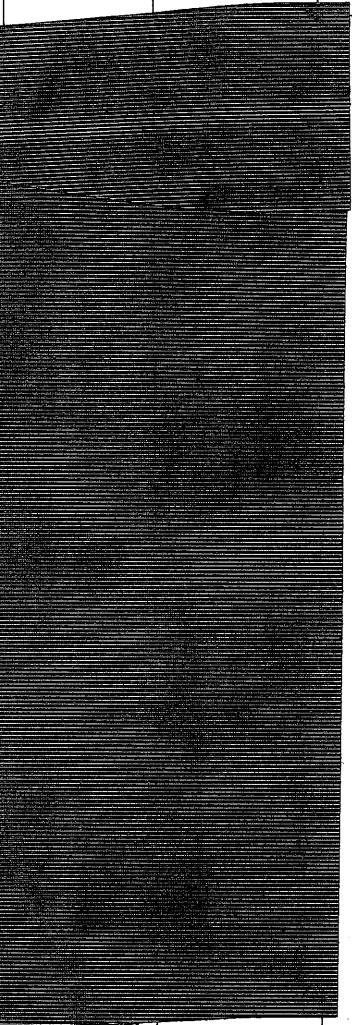
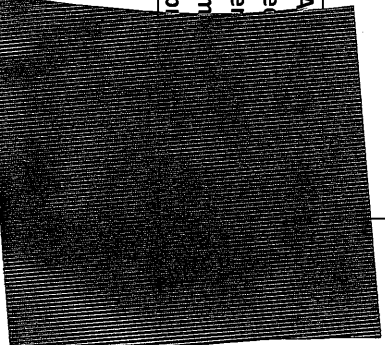
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Thank you for your consideration.

Name			Zipcode	
	Deborah Moore		me	944107

**Union of  
Concerned Scientists**  
Science for a Healthy Planet and Safer World

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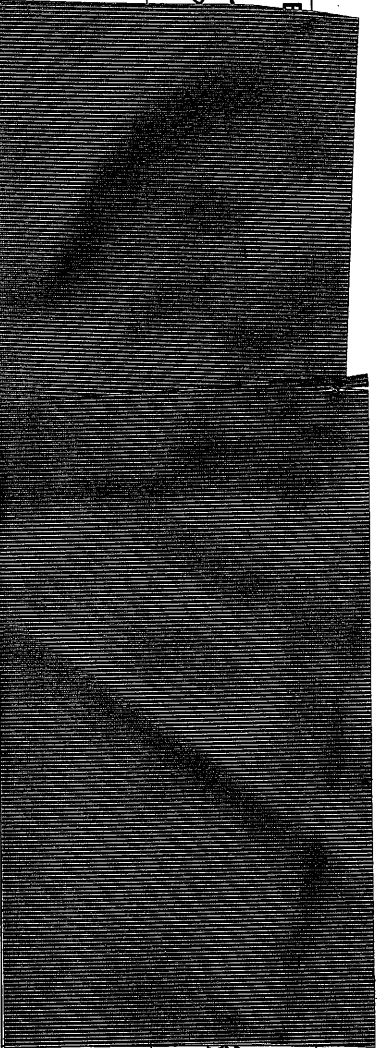
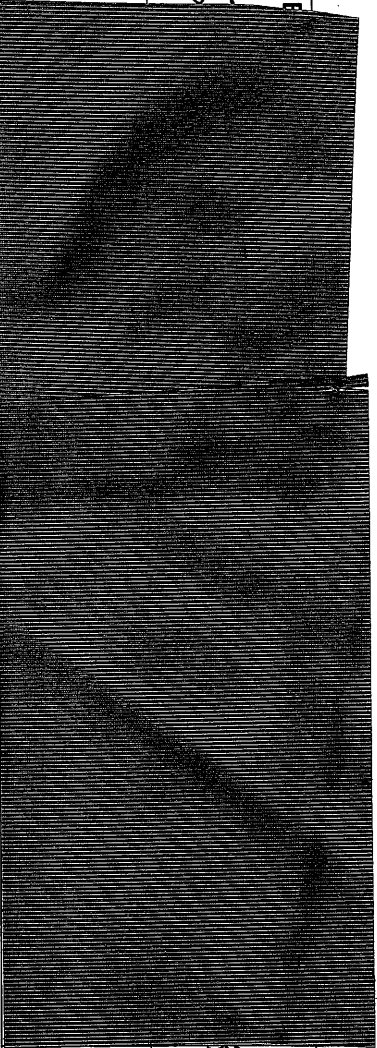
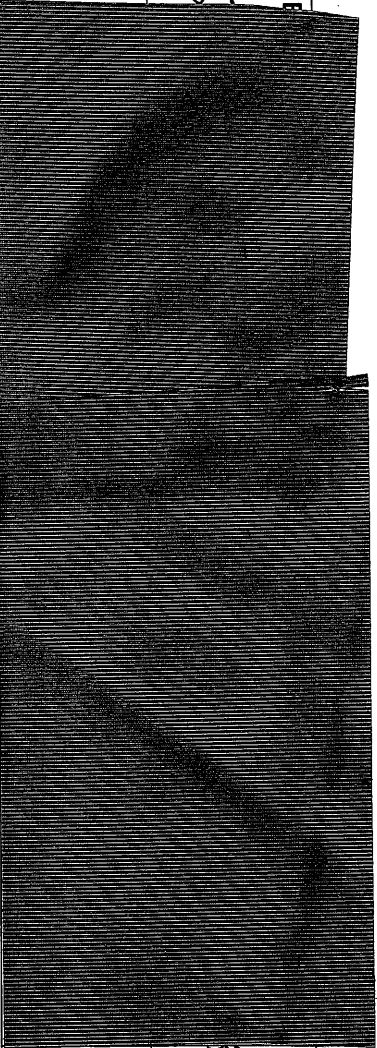
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- begin sales targets for *all* types of trucks in 2024;
- set aggressive goals for zero-emission truck adoption beyond 2030.

Thank you for your consideration.

Name		Zipcode	Are you a scientist, economist, engineer, or medical professional?
<i>A. Vengas</i>		<i>94707</i>	<i>yes</i>
<i>Kathy Aschheim</i>		<i>94707</i>	<i>yes</i>

# Union of Concerned Scientists

Science for a Healthy Planet and Safer World

Name		Zipcode	
Oliver Underlay		04110	
Leah Goodman		94705	
Tia Böttger		94703	
Sophie Devaney		94705	
Kabel Penman		94883	
Miles Baird		94720	
Wicklary		95926	
Vicki Sok		95673	
Carl Kerner		94112	

**Union of  
Concerned Scientists**  
Science for a Healthy Planet and Safe World

Name	Zipcode
Kelly Hawn	94703
Connie Field	94708
Tammara Ross	95818
Mikheerwick	
Quia Near	95060
TOSH1200	94904
Jirens Wistock	
Ella Weiss	94114
Nick Wiley	

# Science for a Healthy Planet

Mina

Robifaille

Austin  
Bonzone

Jack  
Lynch

Murine  
Callosa

Bill  
Schneider

only  
CARPENTER

Carol  
Di Benedetto

Katrina  
Dewin

ERIM  
DIEHM

Zipcode

2076

9468

94521

CA  
94523

94533

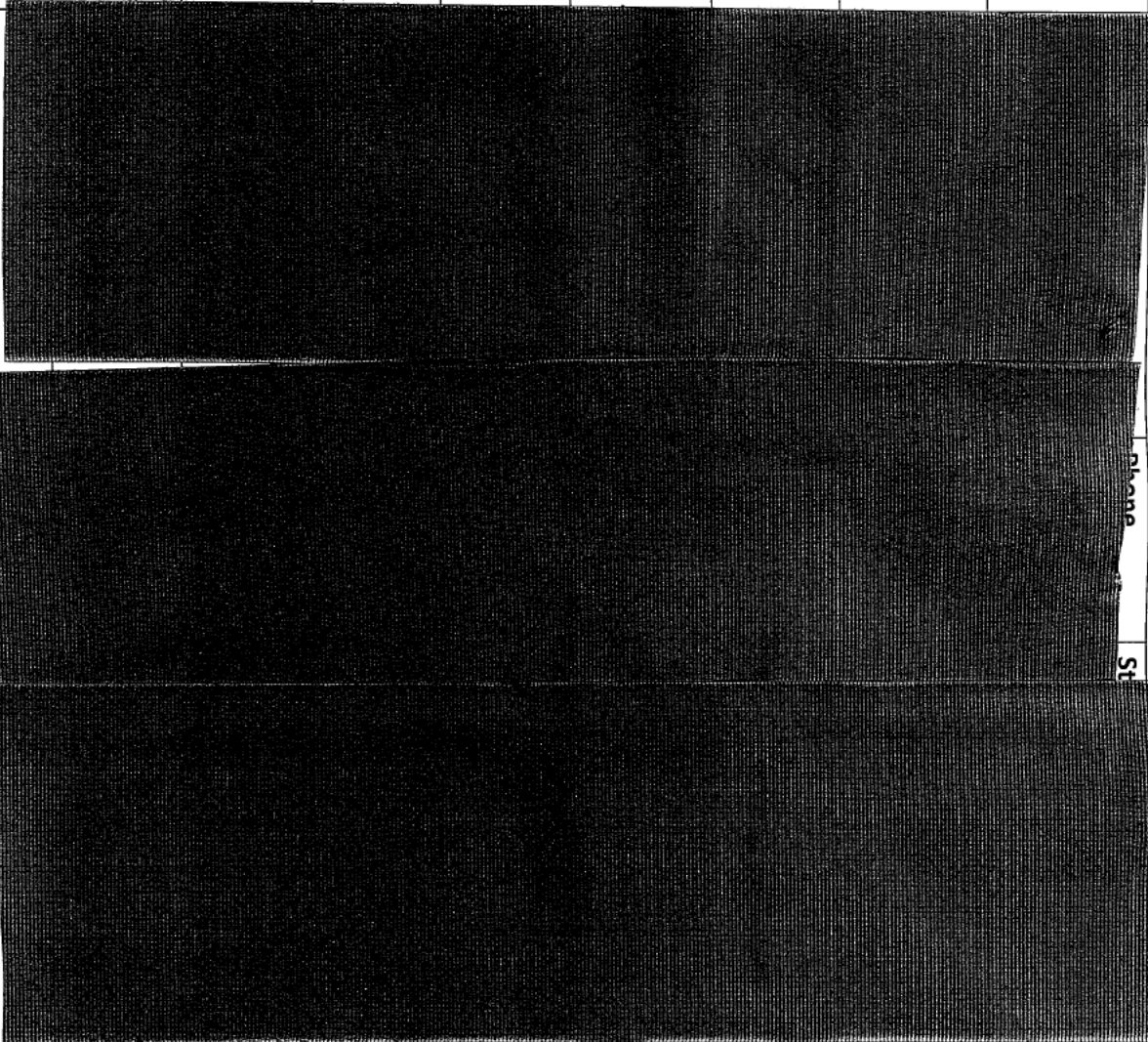
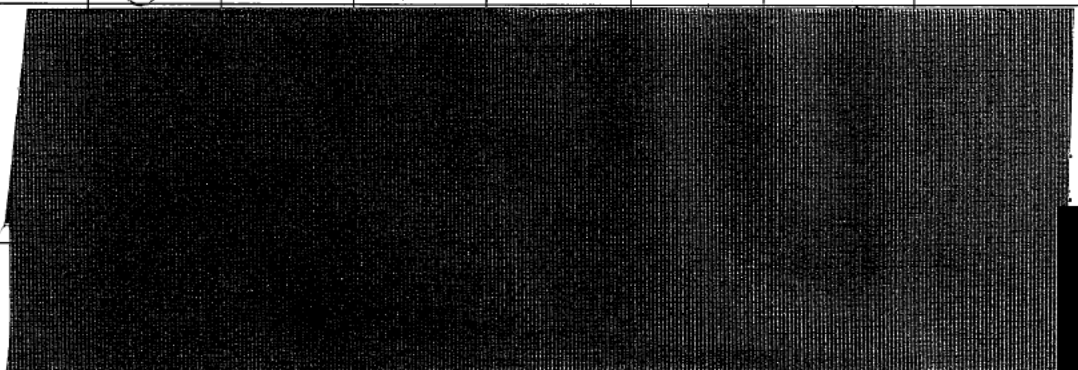
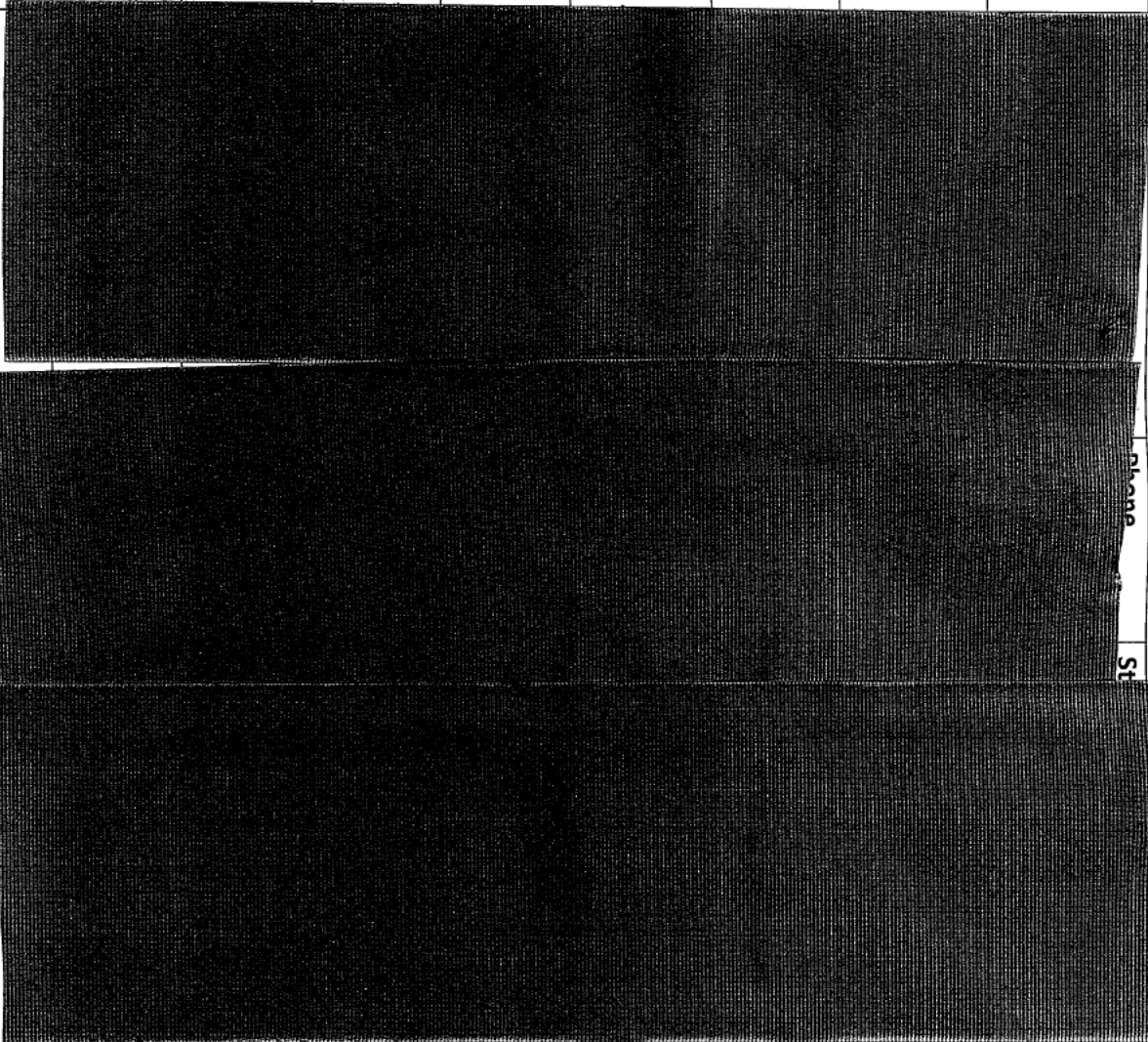
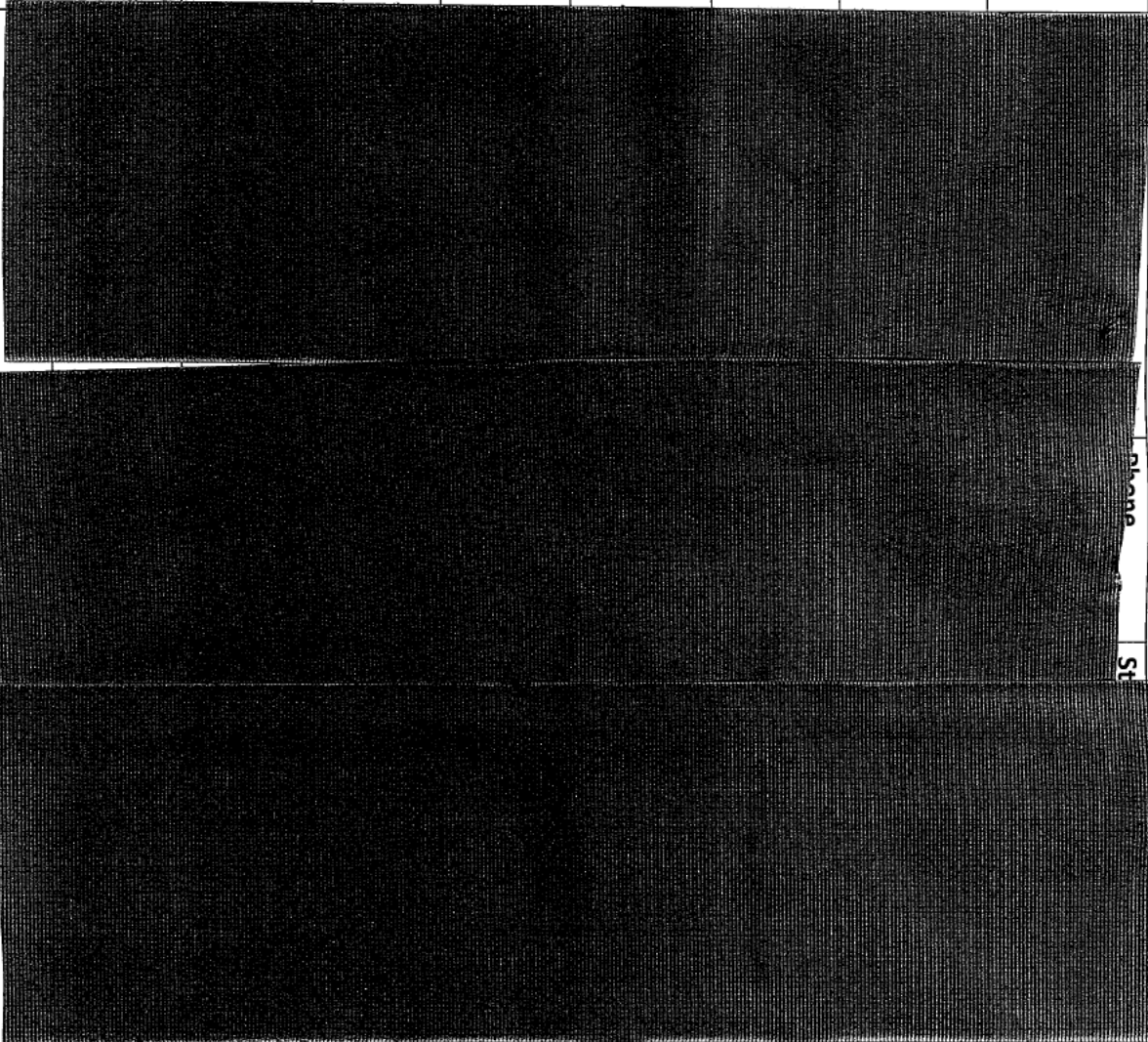
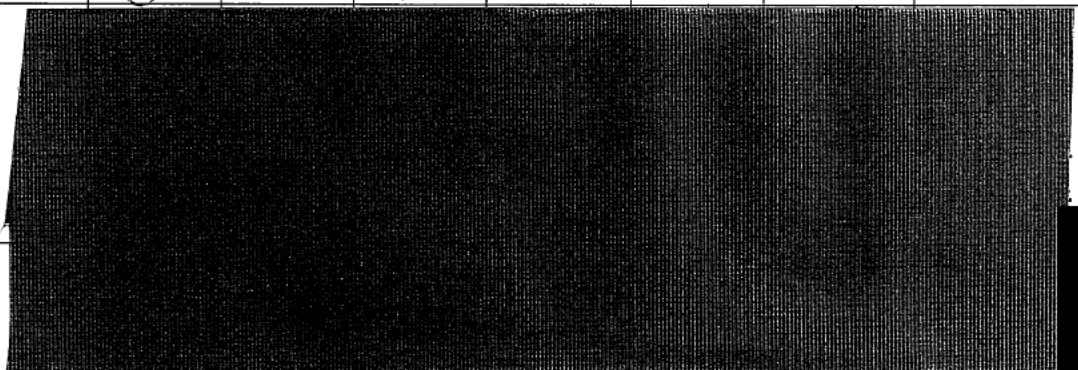
5F CA 94117

CA 94707

94703

# Union of Concerned Scientists

Science for a Healthy Planet and Safer World

Name	Address	City	State	Zipcode	Phone
Saia Fleig				19708	
SUSAN OSMANI				97420	
Lear				<del>97420</del>	
Magana Tabitha Schuyler				94542	
Adrian van Dyke				94542	
Emily Bender				94070	
Heather Darell				94070	
Javier Parras				90670	
					

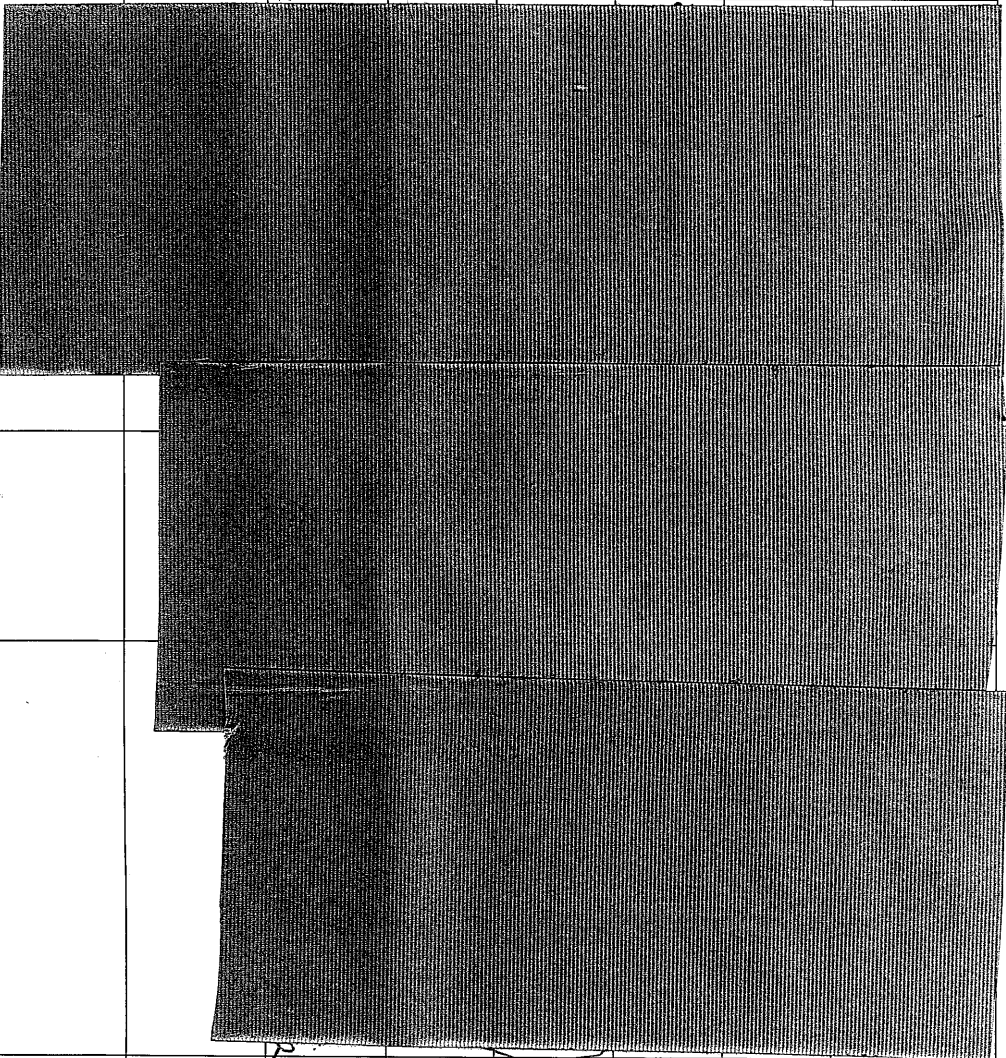
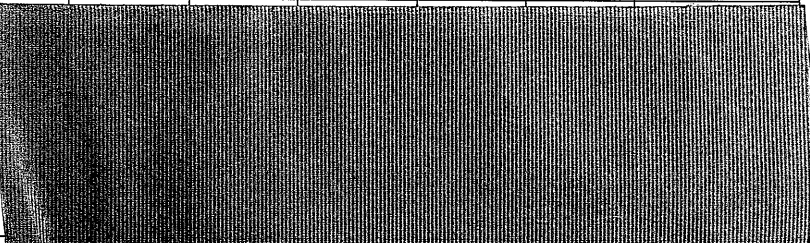
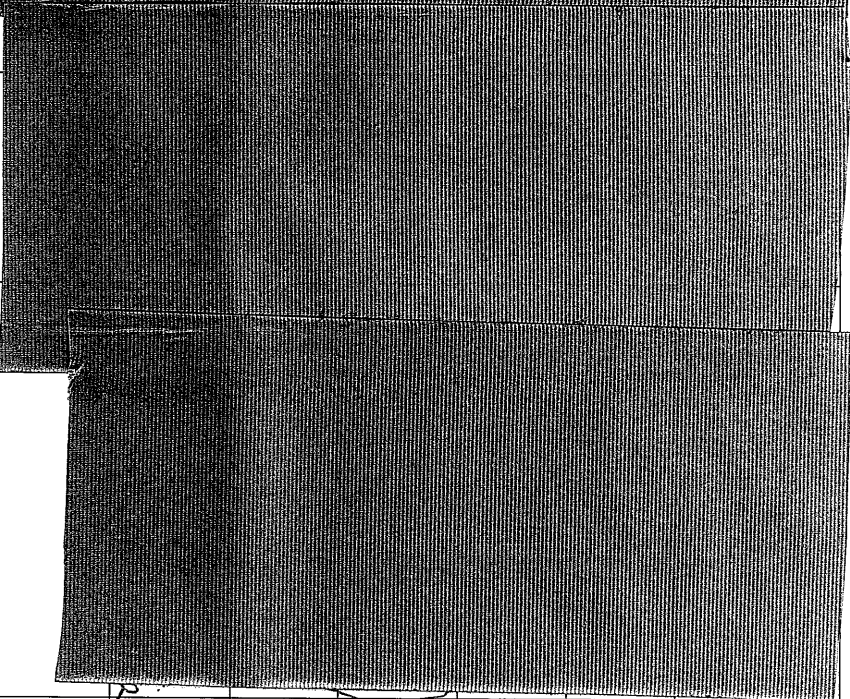
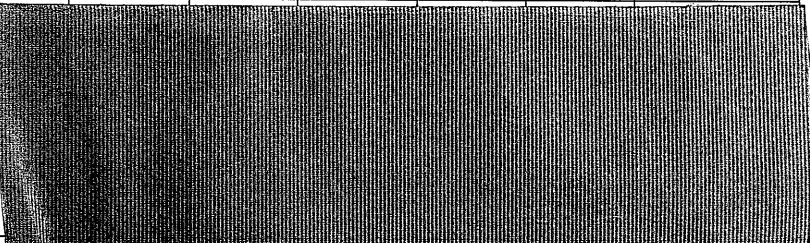
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**Concerned Scientists**  
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Name		Zipcode	
Kimberlyn Cortes		90814	
Sonia Raulik		94583	
Will Witzelko		94703	
Paul Adams		94703	
Sam Cohen		94588	
Styler Kamira		94561	
Raquel Richardson		94709	
David Vasquez		94121	

Union of  
**Concerned Scientists**  
Science for a Healthy Planet and Safer World

Name	Zipcode
Talia's Moe	94621
DAVID HARTSOVEN	94117
Dave Fyler	94061
Dominick Guzzo	94103
Holly Reed	94134
Carlos Peters	<del>94002</del> 94002
Elliot Suen	94704
Theresa Panphwai	94112
Tyler Russell	94991

**Union of  
Concerned Scientists**  
Science for a Healthy Planet and Safer World

Name		Zipcode	
Pablo Ortiz		94607	
Matthew Bayer		94114	
Elena Engel		94110	
Helena Birecki		94110	
Kathryn Helin		94611	
Kevin S. Weston		94703	

## Act Now to Advance Clean Trucks in California

To: California Air Resources Board

As a public health expert and attendee of the 2019 American Public Health Association annual meeting, I urge you to adopt a much stronger Advanced Clean Trucks (ACT) Rule. In addition to driving the transition to zero emission trucks in California, this rule will set a precedent for states across the country.

Heavy duty vehicles make up only 7% of vehicles in California, yet are responsible for 20% of carbon emissions, 40% of NOx emissions, and 27% of particulate matter from the transportation sector. The transportation sector is the biggest emitter of global warming pollution in the state.

California still has the worst air quality in the nation, and trucks contribute disproportionately to these emissions. Poor air quality has many negative public health impacts and truck pollution disproportionately hurts communities of color located near busy roads and freight hotspots.

We cannot afford to wait on climate action or wait on reducing pollution burdens for communities in California and beyond.

CARB's current proposal only results in 4% of trucks on the road being zero-emission by 2030. I support CARB taking stronger and faster measures through the ACT. I urge CARB to:

- Commit to higher sales targets for zero-emission trucks;
- Begin sales targets for all types of trucks in 2024;
- Set aggressive goals for zero-emission truck adoption beyond 2030.

Thank you for your consideration.

Sincerely,

Name	Email	State, ZIP	Degree, area of expertise
Brad Bense		Washington, DC 20005	<del>Emory</del> BA, MBA
Katie Wenemeister			
Betsy Amstutz		96001	Health Education
Christine Clifford		01748	Health Policy
Alison Celigoi		17033	MPH

Name	Email	State, ZIP	Degree, area of expertise
Lonely Chavez		CA 95842 TN 37215	BA/MPH global health
Tashelle Wright		CA 95340	PhD Public Health
Eva Goldfarb		NS ail.edu 07043	PhD Sexual Health
Madison Arnold-Scerbo		MA 02474 com	
Sharon Smith		PA 16801	MEd. RDN
Imelod Baloch		GA 30329	Fellowship Public Health
Rabrei Barnes		30329	MPH
Sara Hrath		91801	PHD
Cateyuh Kenner		93117	MPH - sex/rep health
Merry Holliday-Hanson		CA 95747	PhD MS