

## Monthly Report from CDPHE to the North Front Range Transportation and Air Quality Planning Council

November 1, 2018

The Air Quality Control Commission:

- The Commission held a joint meeting with the Board of Health on October 18, 2018. Agenda items included:
  - Regulation 9 briefing to provide an annual update on the Smoke Management Program, wildfire smoke impacts, and the cost of the program. The Division will not request a public hearing before the AQCC to formally propose a regulatory cost of program adjustment.
  - Regulation Number 12, Part B rulemaking hearing to approve revisions to diesel emissions inspector licensing and inspector training and qualification revisions. The changes to Regulation 12 are primarily administrative in nature. They are intended to clarify and make more transparent existing regulatory provisions. The limited scope of the proposed changes result in a de minimis cost impact and there are no significant to minimal project air quality impacts from these modifications.
  - Regulation 3 rulemaking hearing to approve revisions to Air Pollutant Emission Notice (APEN) filing fee, permit processing hourly fees, regulated air pollutant annual emissions fees, and hazardous air pollutant annual emission fees.
  - Review of the 2018 ozone season:
    - The Division presentation included general information about ozone formation, ozone standards and health effects, and the 2018 top-5 days in the North Front Range (attached) and trends. Considerations in ozone planning include:
      - Satisfy requirements for 2008 and 2015 ozone standards
        - 2008 (Moderate) attainment date: 7/20/18 (anticipate 1 year extension to 7/20/19)
        - 2008 (potentially Serious) attainment date: 7/20/21
        - 2015 Marginal attainment date: 8/3/21
      - Current ozone efforts in include:
        - Rulemaking
        - Low Emissions Vehicles
        - Reasonably Available Control Technology (breweries, combustion equipment, oil and gas, etc.)

- Stakeholder engagement
  - Zero Emission Vehicles
  - Pneumatics Taskforce
  - Voluntary Emission Reduction Outreach
  - Architectural Coatings/Consumer Products
- Sector-based outreach, process evaluation, and existing regulations
  - The Regional Air Quality Council (RAQC) presentation include an overview of air quality status in the Denver Metro/North Front Range area, ozone planning, and the RAQC's outreach and controls programs.
- The Division's Annual Report to the Public
  - Discussion focused on major pollutants and air quality trends, major air quality initiatives, upcoming planning initiatives, and permitting and enforcement highlights,

November 14-16, 2018 Commission meeting:

- The Commission will consider revisions to Regulation Number 7, establishing reasonably available control technology (RACT) via categorical rules for various brewing related operations in a continued effort to establish RACT for major sources of VOC and/or NOx in the Denver Metropolitan North Front Range Moderate Ozone Nonattainment Area.
- The Commission will consider establishing a new regulation to adopt specific provisions of the California LEV rule affecting greenhouse gas emissions and fuel economy. The proposed rule will not include a Zero Emissions Vehicle (ZEV) mandate, and has no impact on heavy-duty vehicles or non-road (construction and agricultural) equipment.



**\*\*\* DRAFT DATA \*\*\***

**2018 8-Hour Ozone (Updated through September 30, 2018)**

AQS Number	Site Name	1st Max 8-Hour (ppb)	Date 1st Max 8-Hour	2nd Max 8-Hour (ppb)	Date 2nd Max 8-Hour	3rd Max 8-Hour (ppb)	Date 3rd Max 8-Hour	4th Max 8-Hour (ppb)	Date 4th Max 8-Hour	5th Max 8-Hour (ppb)	Date 5th Max 8-Hour
08-001-3001	Welby	73	07/06	70	07/18	69	07/10	69	08/01	68	07/31
08-005-0002	Highland	88	07/06	78	08/02	77	06/06	77	07/16	77	07/17
08-005-0006	Aurora East	78	08/02	76	07/18	76	08/01	72	07/31	71	07/12
08-013-0014	Boulder Reservoir	89	07/10	79	06/13	79	08/02	77	07/09	76	08/16
08-019-0006	Mines Peak (non-regulatory)	89	06/11	82	08/02	79	06/12	78	08/10	77	07/09
08-031-0002	CAMP	79	07/06	74	07/16	72	07/14	71	07/18	70	07/10
08-031-0026	La Casa	78	07/16	76	07/06	73	07/17	72	07/18	71	06/06
08-035-0004	Chatfield State Park	88	07/06	87	06/06	86	07/16	83	07/14	82	08/13
08-041-0013	Colo. Spgs. - USAF Academy	76	04/17	76	08/02	74	07/06	73	07/14	72	06/12
08-041-0016	Manitou Springs	78	07/06	76	04/17	74	08/02	73	06/12	72	07/14
08-045-0012	Rifle - Health	70	06/19	66	06/02	66	06/12	65	05/27	65	08/02
08-059-0005	Welch	78	07/06	77	07/16	72	07/14	72	08/02	71	07/10
08-059-0006	Rocky Flats - N	86	06/13	83	08/13	81	07/10	81	07/14	81	08/02
08-059-0011	NREL	86	08/13	81	08/16	80	08/02	80	08/24	79	07/06
08-059-0013	Aspen Park	74	06/06	73	07/16	73	08/13	71	07/14	70	07/11
08-069-0011	Fort Collins - West	88	07/07	86	07/06	83	07/10	81	06/13	80	07/14
08-069-1004	Fort Collins - CSU	79	07/06	73	07/07	72	05/17	72	07/10	71	08/02
08-077-0020	Palisade - Water	78	06/11	72	08/01	72	08/02	69	06/19	68	06/02
08-081-0003	Elk Springs	73	06/11	68	08/01	64	05/27	64	07/31	64	08/02
08-083-0006	Cortez	72	08/06	70	08/07	69	08/01	67	04/08	67	08/02
08-085-0005	Paradox	77	06/11	68	06/19	68	08/02	66	07/31	66	08/01
08-123-0009	Greeley - Weld Tower	77	05/26	77	08/02	74	06/13	73	06/02	72	07/16
08-029-0007	BLM - Paonia	60	06/11	55	06/24	54	05/14	54	08/02	53	06/12
08-051-9991	EPA - Gothic CASTNET	88	06/11	72	08/02	70	08/01	69	05/27	69	06/24
08-067-1004	USFS – Shamrock (thru 6/30)	73	05/24	72	06/24	70	04/26	68	04/17	68	06/25
08-067-7001	SUIT - Ignacio	69	08/06	68	08/07	67	05/24	67	07/21	66	04/26
08-067-7003	SUIT - Bondad	69	08/06	68	04/26	68	08/07	67	05/24	66	07/21
08-069-0007	NPS - Rocky Mtn. NP	91	06/11	75	07/10	75	08/20	74	08/10	73	06/12
08-083-0101	NPS - Mesa Verde NP	75	08/06	72	07/21	72	08/01	72	08/02	70	05/24
08-103-0005	BLM - Meeker	71	06/11	66	08/02	64	08/01	63	06/25	62	05/27
08-103-0006	BLM - Rangely	73	08/01	72	06/11	70	08/02	68	06/25	68	07/11

**NOTE:** Values above the level of the 70 ppb 8-hour standard are highlighted in yellow, above the 75 ppb standard in orange.

**NOTE:** Data influenced by natural event values, if any, are included.

The 8-hour ozone standard is written such that attainment is met if the 3-year average of the 4<sup>th</sup> max. value from each of the 3 years is less than or equal to 70 ppb.

This table provides information on the 4th max. values for 2016 and 2017, the current 4<sup>th</sup> max. value for 2018, the current 3-year average, and the max. possible level for 2018 in order to remain in attainment of the ozone standard. Based on the current values, projected max. possible levels for 2019 are also included.

AQS #	Site Name	2016 4 <sup>th</sup> Maximum 8-Hour Average Value (ppb)	2017 4 <sup>th</sup> Maximum 8-Hour Average Value (ppb)	2018 (thru 9/30) 4 <sup>th</sup> Maximum 8-Hour Average Value (ppb)	2016 - 2018 3-Year Average 4 <sup>th</sup> Maximum Value (ppb)	2018 Highest Allowable 4th Maximum 8-Hour Average Value (ppb)	2019 Highest Allowable 4th Maximum 8-Hour Average Value (ppb)
08-001-3001	Welby	66	68	69	67	78	75
08-005-0002	Highland	72	72	77	73	68	63
08-005-0006	Aurora East	66	69	72	69	77	71
08-013-0014	Boulder Reservoir	---	73	77	---	---	62
08-019-0006	Mines Peak (non-regulatory)	65	70	78	71	77	64
08-031-0002	CAMP	70	67	71	69	75	74
08-031-0026	La Casa	69	68	72	69	75	72
08-035-0004	Chatfield State Park	78	74	83	78	60	55
08-041-0013	Colo. Spgs. - USAF Academy	69	69	73	70	74	70
08-041-0016	Manitou Springs	66	70	73	69	76	69
08-045-0012	Rifle - Health	60	59	65	61	93	88
08-059-0005	Welch	75	75	72	74	62	65
08-059-0006	Rocky Flats - N	79	75	81	78	58	56
08-059-0011	NREL *	83	74	80	79	55	58
08-059-0013	Aspen Park	73	68	71	70	71	73
08-069-0011	Fort Collins - West	76	75	81	77	61	56
08-069-1004	Fort Collins - CSU	70	66	72	69	76	74
08-077-0020	Palisade - Water	63	64	69	65	85	79
08-081-0003	Elk Springs	59	63	64	62	90	85
08-083-0006	Cortez	64	59	67	63	89	86
08-085-0005	Paradox	62	58	66	62	92	88
08-123-0009	Greeley - Weld Tower	67	72	73	70	73	67
08-029-0007	BLM - Paonia	---	---	54	---	---	---
08-051-9991	EPA - Gothic CASTNET	62	66	69	65	84	77
08-067-1004	USFS - Shamrock (thru6/30)	65	66	68	66	81	78
08-067-7001	SUIT - Ignacio	71	69	67	69	72	76
08-067-7003	SUIT - Bondad	72	69	67	69	71	76
08-069-0007	NPS - Rocky Mtn. NP	69	67	74	70	76	71
08-083-0101	NPS - Mesa Verde NP	66	66	72	68	80	74
08-103-0005	BLM - Meeker	59	59	63	60	94	90
08-103-0006	BLM - Rangely	61	64	68	64	87	80

**NOTE:** Values above the 3-year average 4<sup>th</sup> maximum 8-hour standard of 70 ppb are highlighted in red, above the 75 ppb standard in orange.

**NOTE:** Data includes values that may be influenced by natural events.

\* **NOTE:** Wildfire influence exceptional events concurred by EPA for NREL for 9/2/17 and 9/4/17. NREL 4th max value of 76 ppb removed.



## MINUTES

Friday, October 5, 2018

### **RAQC MEMBERS PRESENT:**

John Putnam, CHAIR, *Kaplan, Kirsch, & Rockwell, LLP*  
Herb Atchison, *City of Westminster*  
Bob Broom, *Citizen*  
Julie Cozad, *North Front Range MPO, via phone*  
Curt Huber, *Conservation Community*  
Vanessa Mazal, *Citizen*  
Brian Payer, *Sphera*  
Doug Rex, *Denver Regional Council of Governments*  
Bob Roth, *City of Aurora*  
Gregg Thomas, *Denver Department of Environmental Health*  
Casey Tighe, *Jefferson County*  
Bruce White, *Citizen*

### **RAQC MEMBERS NOT PRESENT:**

Kathleen Bracke, *City of Boulder*  
Frank Bruno, *Via Mobility Services*  
Paolo Diaz, *City of Commerce City*  
David Genova, *Regional Transportation District*  
Irv Halter Jr., *Colorado Department of Local Affairs*  
Gerry Horak, *City of Fort Collins*  
Jack Ihle, *Xcel Energy*  
Elise Jones, *Boulder County*  
Michael Lewis, *Colorado Department of Transportation*  
Jackie Millet, *City of Lone Tree*  
Scott Prestidge, *COGA*  
Jep Seman, *Corporate Advocates*  
Andy Spielman, *WilmerHale*  
Karin McGowin, *Colorado Department of Public Health and Environment*

### **RAQC ALTERNATES PRESENT:**

Elizabeth Garner, *Colorado Department of Local Affairs*  
Garry Kaufman, *Colorado Department of Public Health and Environment*  
Debra Perkins-Smith, *Colorado Department of Transportation*

### **RAQC STAFF PRESENT:**

Mike Silverstein, Kaylyn Bopp, Amanda Brimmer, Matt Goble, Sara Goodwin, Kelley Grubbs, Misty Howell, Steve McCannon, and Matt Mines.

### **OTHERS PRESENT:**

Samantha Coravello, NRDC & CC4CA; Cindy Copeland, Boulder County Public Health; Bill Hayes, Boulder County Public Health; Sarah Keane, NRDC & CC4CA; Mark Kunugi, Denver/DIA; Sophia Mayott-Guerrero, Conservation Colorado; Susan Nedel, E2; and Robert Spotts, DRCOG.

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The meeting was called to order at 9:38 a.m. by Chair Putnam. A quorum was present at 10:00 a.m.

**General Public Comment**

None.

**Informational Items**

*Chair*

Chair Putnam told Council that the Governor issued an executive order which continued his service and appointed him Chair until April 2019. The executive order also reappointed Board Member Mazal as a member of the public to represent the broad public interest and appointed Curt Huber as a member of public to represent the conservation community.

New Board Member Huber provided Council with his background. Board Members introduced themselves.

Chair Putnam requested that another Member be designated as Vice-Chair. Interested Members will be considered at the November Board meeting.

*Executive Director*

Mike Silverstein indicated that he has been assessing the internal structure of the organization and announced that Steve McCannon has been promoted to Deputy Director.

*Members*

None.

**2017 Audit of Financial Statements – an overview of the RAQC’s 2017 audit**

Misty Howell provided Council with an overview of the 2017 audit of financial statements. She noted that the Council is in a strong financial position and has successfully secured grant funding for programs and match to meet contract requirements. Misty Howell indicated that all outstanding accounts receivable shown in the audit have been collected as of May 2018 and no significant deficiencies were identified.

*Public Comment*

None.

**Work Program and Budget Planning – an overview of the 2019 work planning and budget process**

Mike Silverstein explained the internal process for staff to close-out fiscal year 2018 and begin working on the proposed 2019 work plan and budget. He asked Board Members whose organizations presently provide funding to the RAQC ensure the RAQC is included in their 2019 and future budgets.

Council discussed the need to evaluate local government and private sector future funding to determine if present levels need to be adjusted. In response to questions, Misty Howell indicated funding levels have not been updated in several years and that funding request letters are sent in May with staff follow up calls in September/October. Board Members expressed interest in reviewing the funding formulas and suggested that Council consider creating an operations subcommittee to look funding and other operational issues. Chair Putnam requested that this be discussed at the November Board meeting.

Board Member Atchison indicated that he would include an updated 2019 funding request in the Westminster budget if staff could provide an updated amount by Monday morning.

*Public Comment*

None.

**Approval of Agenda**

Board Member Atchison moved to approve the agenda. Seconded by Board Member Perkins-Smith. Motion passed without objection.

**Approval of Minutes**

Board Member Perkins-Smith moved to approve the July 27, 2018 minutes. Seconded by Board Member Atchison. Motion passed without objection.

**Employee Classification Policy – modeling the RAQC’s employee classification on the State of Colorado’s system**

Mike Silverstein provided Council with an overview of the State of Colorado’s classification plan and explained that it better reflects the positions at the RAQC. Supporting materials were provided in advance to Board members in their meeting packet. Council discussed the merits of the classification plan and that the change recognizes the maturity of the organization and offers growth for employees.

**Board Member Atchison moved to approve the change to the new classification plan as presented. Seconded by Board Member Perkins-Smith.**

*Public Comment*

None.

**Motion passed without objection.**

**Proposed Low Emission Vehicle Program - review of draft comments to the Air Quality Control Commission**

CDPHE is proposing a LEV program to the AQCC for consideration in November 2018. Chair Putman disclosed that he is representing parties in the AQCC hearing process and asked if any other members needed to disclose any possible conflicts. None were mentioned.

Board Member Cozad said the North Front Range MPO (NFRMPO) discussed this topic at their last meeting and are planning to send comments to the AQCC and would share the comments when appropriate.

Chair Putnam suggested Council allow Mike Silverstein to provide his update and then Council could discuss direction. Mike Silverstein gave Council an overview of the rulemaking and referenced the draft letter of support that was provided with the meeting materials. He requested Council approve the letter as public comment for the rulemaking hearing.

Board Member Cozad provided comments and concerns from the NFRMPO and could not take a position the letter as presented. Garry Kaufmann, CDPHE, said there is detailed information in the pre-hearing statements that addresses many of the concerns outlined by the NFRMPO. Council requested that Mike Silverstein provide links to these statements and all rulemaking information. Several Board Members supported an even stronger position of support.

*Public Comment*

Public comments encouraging strong RAQC support was provided by Susan Nedel, E2, Sophia Mayott-Guerrero, Conservation Colorado, Cindy Copland, Boulder County Public Health, and Sara Keane, NRDC.

Chair Putnam directed Members to submit written comments directly to Mike Silverstein for discussion at the November meeting.

**Future Meeting Logistics – discussion of future meeting times, dates and locations**

Mike Silverstein reviewed the memo included in the meeting packet. He asked Council if there was a desire to move the meeting from the first Friday of each month. He recommended moving the meeting to 9:00 a.m. to 12:00 p.m. He also suggested that two meeting each year be held at alternative location and to have Board field trip opportunities touring commercial/industrial operations and visiting communities impacted by air pollution to further Council’s understand the issues being discussed.

Council discussed these recommendations. Consensus was to keep the meetings on the first Friday of each month and keep the meeting start time at 9:30 a.m.

Board Member Roth said Aurora would be interested in hosting a meeting. Board Member Payer suggested a meeting at UCAR/NCAR and then Council could take a tour after the meeting. Board Member White offered a fieldtrip through Weld County in the Spring/Summer.

Mike Silverstein indicated some Board members expressed a desire for a retreat. Council discussion included planning around the Governor transition, keeping it to one day and planning the date soon so it gets on calendars.

*Public Comment*

None.

**Advertising and Outreach – measuring program effectiveness**

Sara Goodwin provided Council with detailed information on how the Simple Steps. Better Air. advertising and outreach program is received by the public and effectiveness measured. Board members expressed support for the information and approaches. The CDOT message boards used during the ozone season were complimented.

*Public Comment*

None.



### **Mow Down Pollution – Residential – a program recap and planning for the future**

Matt Goble gave Council an overview of the 2018 Mow Down Pollution Residential program. He noted that the RAQC does not currently have funding necessary to host exchanges in 2019. He indicated staff is actively seeking a sustainable funding solution for exchanges in 2019 and beyond.

Board Member Atchison offered a site in Westminster for the program. Chair Putnam said his firm could help with the recycling cost. Board members said this program should be a priority to find funding. Board Members Mazal and Payer offered to assist with finding public/private partnership opportunities. Chair Putnam suggested this topic be raised during the November budget discussion.

#### *Public Comment*

None.

### **Website – launch of the updated website**

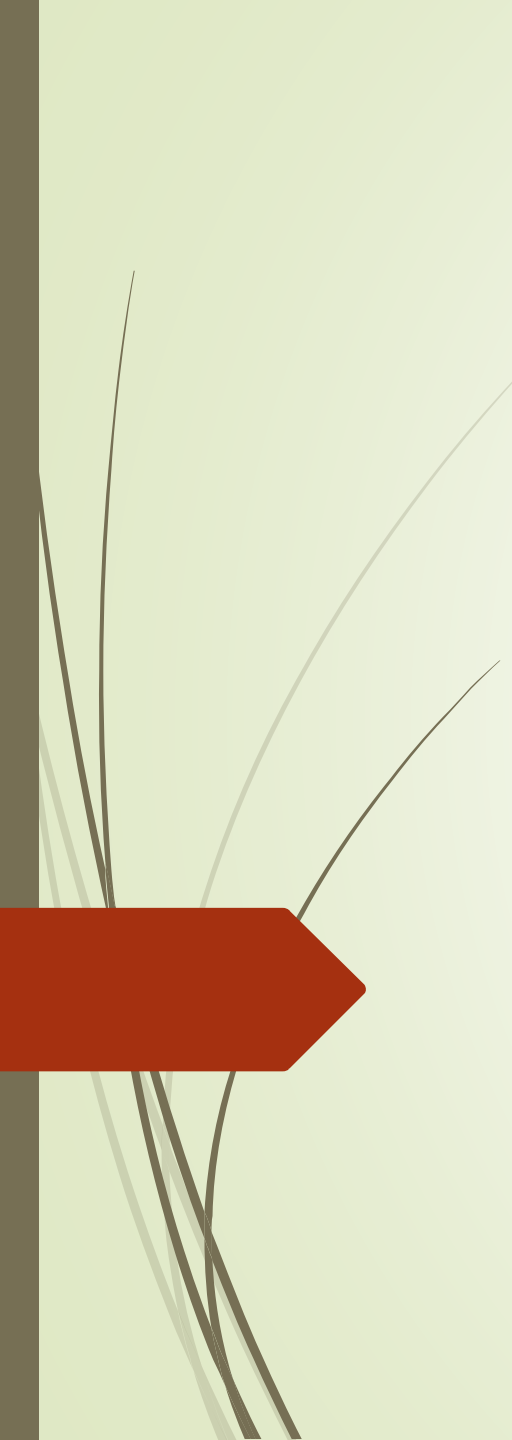
Postponed.

### **Announcements and Action Items**

The next meeting will be November 2, 2018.

### **Adjournment**

There being no further business before the Council the meeting was adjourned at 12:08 p.m.



# **Colorado CLEAR – Colorado Low Emission Automobile Regulations (Proposed)**

Presentation to North Front Range MPO

November 1, 2018

Doug Decker, Colorado Department of Public Health and Environment

# Overview

- **New Motor Vehicle Certification Process - Federal, California**
- **Recent Federal Action**
- **California LEV and ZEV**
- **Colorado Action**
- **Colorado Proposed Regulation Number 20**
- **LEV Cost and Benefits Estimates**
- **Will Colorado Adopt a ZEV Mandate?**
- **Challenges and Issues Remaining**

# New Motor Vehicle Certification Process

- All new cars and truck (engines) for sale must meet emissions standards (CO, VOC, NOx, PM, SO2, CO2)
- California had different standards since 1963, harmonized with federal standards in 2017
- Clean Air Act §177 allows any state to adopt either federal or CA emissions – but no “Third Car”
- 12 states and DC utilize CA emissions cert – These are “177 States”
  - CT, DE, ME, MD, MA, NJ, NY, OR, PA, RI, VT, WA, DC

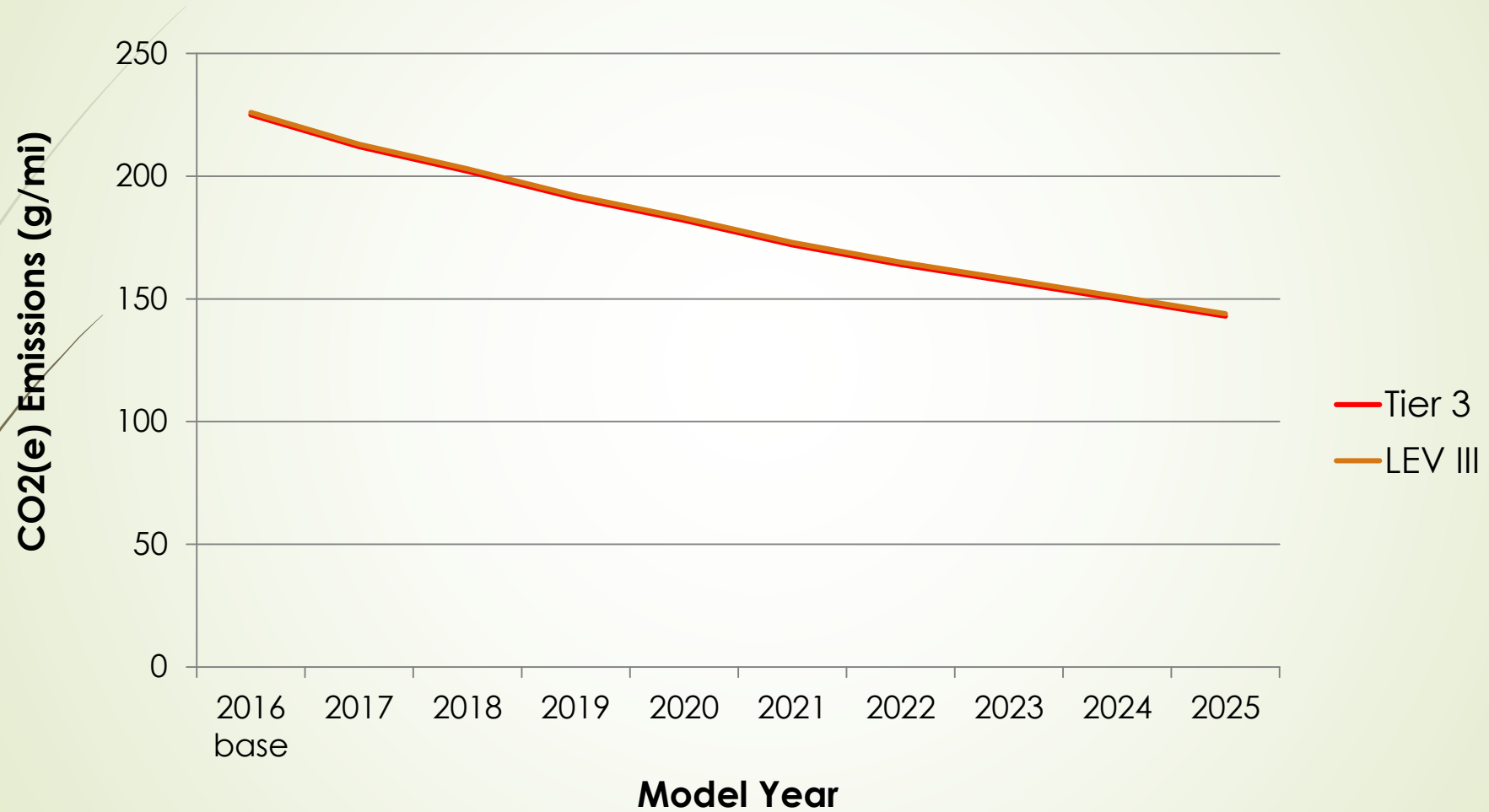
**States that have adopted  
California LEV Standards**



# Recent Federal Action

- ▶ **2012 Rulemaking established 2017-2025 Model Year standards**
  - ▶ Harmonized CA and federal emissions certification
  - ▶ Annual incremental reduction of GHG standards 2021-2025
  - ▶ Committed to a 'Mid-Term Review' of the proposed 2021-2025 GHG
  
- ▶ **Mid-Term Review (MTR)**
  - ▶ Jan 2017 MTR determined the 2021-25 GHG standard was 'Appropriate'
  - ▶ Re-Evaluation of the MTR announced Mar 2017
  - ▶ April 2018 Re-Eval of the MTR - 'Not Appropriate'
  
- ▶ **Proposed EPA/NHTSA "SAFE Rule" to Flatline or 'Roll Back' 2020-25 GHG**
  - ▶ Includes a provision to revoke California's ability to set separate em. stds.
  - ▶ Proposed August 24, 2018, Comment period ended Oct 28.

## Average GHG Emissions (New Passenger Cars)





# California LEV and ZEV

- ▶ **California Low Emission Vehicle Program (LEV)**
  - ▶ Traditionally 'cleaner' than federal emissions counterparts
  - ▶ Manufacturers built two different versions of most models
  - ▶ CA and fed harmonized to the same emissions standards in 2017
  - ▶ Manufacturers are now building only one version of each model
- ▶ **California Zero Emission Vehicle Mandate (ZEV)**
  - ▶ Plug-In electric vehicles
  - ▶ A percentage of each manufacturer's sales must be ZEV's
  - ▶ Adopted by nine 177 states - CT, ME, MD, MA, NJ, NY, OR, RI, VT,



# Colorado Action

- ▶ **Governor Hickenlooper's Executive Order B 2018-006, June 18, 2018**
  - ▶ **The Colorado Department of Public Health and Environment is directed to:**
    - ▶ *Develop a rule to establish a Colorado LEV (Low Emission Vehicle) program, which incorporates the requirements of the California LEV program; and*
    - ▶ *Propose that rule to the Air Quality Control Commission during its August 2018 meeting for possible adoption into the Colorado Code of Regulations by December 30, 2018.*
- ▶ **A new Colorado Regulation Number 20-CLEAR-was proposed August 16<sup>th</sup>, set for a rulemaking hearing November 15, 2018**
- ▶ **Effectively maintains the current GHG reduction trajectory**
  - ▶ **18% -25% lower GHG in 2025**

# Colorado Proposed Regulation Number 20

- ▶ **LEV, but not ZEV (yet)**
- ▶ **Assumes the flatline of federal GHG standard at 2020...**
- ▶ **...But *no* repeal of CA waiver to continue to tighten GHG standards**
- ▶ **Incorporates 52 California Code of Regulations by Reference**
- ▶ **Begins with 2022 model year -Two year implementation per CAA**
- ▶ **Parties to the Hearing:**
  - ▶ **2 Auto Manufacturer Trade associations**
  - ▶ **New Car Dealer Trade Associations**
  - ▶ **2 Environmental Group/Coalitions**
  - ▶ **3 Local Government/Coalitions**
- ▶ **Rulemaking Hearing Thursday November 15**

# LEV Costs and Benefits For Colorado

- ▶ Two primary (federal) analyses – 2016 TAR, and 2018 SAFE Proposed Rule
- ▶ Scaled down to Colorado's market-
  - ▶ 200k new vehicles/year 75% truck, 25% car
- ▶ **Estimated\*** total fleet compliance cost with CLEAR in 2025:
  - ▶ Per Vehicle -        \$1,520 (TAR) -    \$2,550 (SAFE)
- ▶ **Estimated\*** Fuel cost savings (life of the vehicle)
 

▶ Per Vehicle	\$6,005	\$4,522
▶ <b>NET Savings</b>	<b>\$4,480</b>	<b>\$1,972</b>
- ▶ GHG Reductions 1,757,159 tons\* (2030)
- ▶ **\*Estimated values will be further revised**

# Will Colorado Adopt a ZEV Mandate?

- **A Zero Emission Vehicle mandate was not in the Governor's EO**
- **Extensive public testimony in support of a ZEV Mandate at the August Request for Hearing**
- **The Air Quality Control Commission directed the Air Division to bring a proposed ZEV amendment in December**

# Challenges and Issues Remaining

- ▶ **Implementation resources required:**
  - ▶ **State -Tracking, reporting, modeling, AQ and cost accountability, dealer enforcement, outreach**
  - ▶ **Local – Counties issue titles and registrations – cross border sales?**
  - ▶ **Industry – customer perceptions, effect on vehicle availability and sales volumes, changes in fuel sales**
- ▶ **How does Colorado’s different fleet mix affect all this? –**
  - ▶ **CA is 50-50% cars and trucks, Colorado is 25-75% cars and trucks**
  - ▶ **Driving habits, elevation, fuel composition, Climate and met, etc...**
- ▶ **Potential for Legislative pushback for this significant rule change**
- ▶ **Could ZEV market penetration goals be met with continued/extended incentives?**

# Summary

- **Public Rulemaking Hearing November 15 - Regulation Number 20 "CLEAR"**
- **To Adopt Low Emission Vehicle – LEV III**
- **Implement with 2022 Model Year Passenger Cars/Light Trucks**
- **Statewide**
  
- **Additional Rulemaking for possible Zero Emission Vehicle Mandate**
- **Request in December, Hearing in March(??)**



# Questions??

FFI -

➤ <https://www.colorado.gov/pacific/cdphe/aqcc>

➤ **THANKS!**

➤ **Doug Decker**



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[www.VanGoVanpools.org](http://www.VanGoVanpools.org)

#### **MPO Planning Council**

*Commissioner Tom Donnelly- Chair  
Larimer County  
Mayor Kristie Melendez-Vice Chair  
Town of Windsor  
Mayor William Karspeck  
Town of Berthoud  
Mayor Kevin Ross- Past Chair  
Town of Eaton  
Mayor Pro Tem Mark Clark  
City of Evans  
Mayor Pro-Tem Gerry Horak  
City of Fort Collins, Transfort  
Town of Garden City  
Mayor Pro Tem Robb Casseday  
City of Greeley  
Troy Mellon  
Town of Johnstown  
Paula Cochran  
Town of LaSalle  
Dave Clark  
City of Loveland  
Mayor Pro Tem Elizabeth Austin  
Town of Milliken  
Mayor Donald McLeod  
Town of Severance  
Mayor Pro Tem Aaron Pearson  
Town of Timnath  
Commissioner Julie Cozad  
Weld County  
CDPHE- Air Pollution Control Division  
Kathy Gilliland  
Transportation Commission*

#### **MPO Staff**

*Suzette Mallette  
Executive Director  
Becky Karasko  
Regional Transportation Planning  
Director  
Rena Steffen  
Administrative Director  
Crystal Hedberg  
Finance Director*

## MEMORANDUM

**To:** NFRMPO Planning Council  
**From:** Alex Gordon  
**Date:** November 1, 2018  
**Re:** Revised Transit Asset Management (TAM) Targets

### **Background**

In 2016, the Federal Transit Administration (FTA) published a rule requiring transit agencies receiving Federal transit assistance to create Transit Asset Management (TAM) Plans for assets including vehicles, facilities, equipment, and other infrastructure. TAM Plans are required for all transit agencies, but smaller agencies may join a group TAM Plan. In the NFRMPO region, Transfort and Greeley-Evans Transit (GET) elected to draft their own TAM Plan, while City of Loveland Transit (COLT) and VanGo™ elected to join the Statewide TAM Plan drafted by the Colorado Department of Transportation (CDOT).

The NFRMPO worked with CDOT and the three local transit agencies on setting regional targets as required by the Final Rule for TAM. In these discussions, the three agencies decided to keep Transfort and the State's TAM targets separate and adopt both sets of targets as the regional targets. GET will also have separate TAM targets based on their TAM Plan adopted on October 31, 2018.

The TAM Targets were brought to Planning Council for Discussion as part of the overall 2045 Goals, Objectives, Performance Measures, and Targets (GOPMT) at their August and September 2018 meetings. TAM Targets were also referenced during the PM2 and PM3 Discussions in September and October. Once adopted, NFRMPO staff will submit the signed *Revised Resolution 2018-20* and a formal letter outlining the NFRMPO's Regional TAM Targets to FTA, CDOT, COLT, GET, and Transfort.

GET was granted a 30-day extension by the FTA to adopt TAM Plan, including targets, after the October 1, 2018 deadline for transit agencies. GET has adopted the following targets, which will be incorporated into the NFRMPO's regional targets:



Measure	Type	Useful Life Benchmark	GET Target
Percent revenue vehicles meeting or exceeding useful life benchmark (ULB)	Bus	14	5%
	Cutaway (Fixed Route)	7	10%
	Cutaway (Paratransit)	8	20%
Percent service vehicles meeting or exceeding useful life benchmark	Equipment	10	1%
Percent passenger and maintenance facilities rates below condition 3	Administrative	-	10%

**Action**

NFRMPO staff requests Planning Council adopt the revised *Resolution 2018-20*, which incorporates targets from CDOT (for COLT and VanGo™), GET, and Transfort.



**REVISED RESOLUTION NO. 2018-20**  
**OF THE NORTH FRONT RANGE TRANSPORTATION & AIR QUALITY**  
**PLANNING COUNCIL TO SET TARGETS BY SUPPORTING THE TARGETS**  
**ESTABLISHED BY CDOT, GET, AND TRANSFORT FOR TRANSIT ASSET**  
**MANAGEMENT (TAM)**

**WHEREAS**, the North Front Range Transportation & Air Quality Planning Council is designated as the Metropolitan Planning Organization (MPO) in cooperation with local elected officials and is authorized to carry out the continuing, cooperative, and comprehensive (“3C”) multimodal transportation planning process as mandated by Congress in Titles 23 and 49 U.S.C.; and

**WHEREAS**, 23 U.S.C. 150(c) requires the US Department of Transportation (US DOT) to establish national performance measures for safety, infrastructure condition, system performance, freight, and air quality; and

**WHEREAS**, the Federal Transit Administration (FTA) established regulations (49 CFR Part 625) requiring transit agencies to set targets for four TAM performance measures by January 1, 2017 and annually thereafter; and

**WHEREAS**, three of the four TAM performance measures are applicable to the North Front Range region; and

**WHEREAS**, the Metropolitan Transportation Planning and Programming regulations (29 CFR Part 450) require MPOs to set targets and integrate them into updated or amended Regional Transportation Plans (RTPs) and Transportation Improvement Programs (TIPs) adopted after October 1, 2018; and

**WHEREAS**, the Colorado Department of Transportation (CDOT) and Transfort each set their TAM targets using a data-driven approach and in collaboration with planning partners as part of their TAM Plans; and

**WHEREAS**, the City of Loveland (COLT) and VanGo™ elected to join the Statewide TAM Plan and to adopt the associated TAM targets set by CDOT; and

**WHEREAS**, Greeley-Evans Transit (GET) was granted a 30-day extension by the FTA to adopt TAM targets after October 1, 2018 and adopted the GET TAM Plan on October 31, 2018; and

**WHEREAS**, MPOs may set targets by incorporating each provider’s targets or by committing to region-wide targets for the MPO region;

**WHEREAS**, CDOT, GET, and Transfort set the following targets for TAM:

Measure	Type	Transfort ULB / Target	Statewide Tier II Plan ULB / Target	GET ULB / Target
Percent revenue vehicles meeting or exceeding useful life benchmark (ULB)	Bus	15 / 25%	14 / 20%	14 / 5%
	Articulated Bus	17 / 25%	14 / -	-
	Cutaway (Fixed Route)	12 / 25%	10 / 7-20%	7 / 10%
	Cutaway (Paratransit)	-	-	8 / 20%
	Automobile	10 / 25%	8 / 50%	-
	Minivan	10 / 25%	8 / 38%	-
	Truck/SUV	10 / 25%	8 / -	-
Percent service vehicles meeting or exceeding useful life benchmark	Automobile	10 / 25%	8 to 14 / 28%	10 / 1%
	Truck and other rubber tire vehicles	10 / 25%	8 to 14 / 28%	-
Percent passenger and maintenance facilities rated below condition 3	Passenger Facility	25%	19%	-
	Passenger Parking	25%	19%	-
	Maintenance	25%	19%	-
	Administrative	25%	19%	10%

**NOW THEREFORE, BE IT RESOLVED**, the North Front Range Transportation & Air Quality Planning Council hereby agrees to set targets by supporting the CDOT, **GET**, and Transfort TAM targets and agrees to plan and program projects to contribute toward the accomplishment of the targets.

Passed and adopted at the regular meeting of the North Front Range Transportation & Air Quality Planning Council held this 1<sup>st</sup> day of November 2018.

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Tom Donnelly, Chair

ATTEST:

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Suzette Mallette, Executive Director



## North Front Range MPO Area - Project Status Updates (23 Oct 2018)

<b><u>Roadway / Segment</u></b>	<b><u>Status</u></b>
<b>SH14</b>	
US287 to I-25 Surface Treatment	<i>Construction complete</i>
SH14/US287 Flood Repair NW of Fort Collins	<i>Advertise Oct 2018</i>
SH14 Safety work west of Ted's Place	<i>In design</i>
SH14 @ WCR33 Intersection Safety	<i>Advertise Spring 2019</i>
<b>I-25</b>	
Crossroads Blvd Interchange / Bridges	<i>Construction complete</i>
Design /Build	<i>Construction is underway.</i>
Fort Collins North Wellington to WYO Cable Rail	<i>Ad Spring 2019</i>
Vine Drive Bridge	<i>Advertise Dec 2018. Construct Spring 2019</i>
<b>US34</b>	
Big Thompson Canyon Flood Repair	<i>Roadway is open. Under construction</i>
PEL Study	<i>Final report in review</i>
34 Business Rt Overlay & Bridge Work (Flood)	<i>In Construction</i>
<b>SH60</b>	
WCR 40 Intersection Improvements	<i>Under advertisement. Construct Spring 2019</i>
SH257 (Flood) – Little Thompson Structures	<i>Construction is underway</i>
Over the South Platte River	<i>Construction begins 1<sup>st</sup> week in Oct 2018</i>
<b>US85</b>	
Eaton to Ault- Resurfacing	<i>Construction complete</i>
<b>SH263</b>	
US85 to Greeley Airport- Devolution	<i>IGA in process</i>
<b>US287</b>	
SH1 to LaPorte Bypass	<i>Construction continues.</i>
Foothills Parkway Intersection	<i>Early 2019 advertisement</i>
<b>ADA Curb Ramp Program</b>	
Greeley ADA Curb Ramps Phase 1	<i>In construction</i>
Loveland ADA Curb Ramps Phase 1	<i>Advertise Nov 2018. Construct Spring 2019</i>