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## **Contra Costa County Idle-Free Board of Supervisors Ad Hoc Committee on Sustainability meeting July 23, 2018**

### **CONTRA COSTA COUNTY ACCOMPLISHMENTS**

Contra Costa County is a California standout on awareness of the impact of idling and low-hanging fruit benefits in reducing its emissions from motor vehicles.

- Contra Costa County officials sign on to Idle Free Pledge - April 25, 2017  
[http://www.baagmd.gov/~media/files/communications-and-outreach/publications/news-releases/2017/idle\\_170425-pdf.pdf?la=en](http://www.baagmd.gov/~media/files/communications-and-outreach/publications/news-releases/2017/idle_170425-pdf.pdf?la=en)
- CONTRA COSTA COUNTY Resolution  
[http://64.166.146.245/docs/2017/BOS/20170425\\_902/29390\\_BO\\_BayAreaAirQualityManagementDistrictIdleFreePledge.pdf](http://64.166.146.245/docs/2017/BOS/20170425_902/29390_BO_BayAreaAirQualityManagementDistrictIdleFreePledge.pdf)

### **IDLE-FREE PROCLAMATIONS & ACTIONS:**

#### Cities:

- Martinez
- Antioch

#### Schools:

- Martinez Unified School District resolution limiting idling
- Pittsburg Unified School District Idle-Free Schools campaigns
- Walnut Creek School District proclamation

WEBPAGE: Contra Costa 511: When is idling wasteful? <https://511contracosta.org/when-is-idling-wasteful/> (update Hinkle Charitable Foundation link: <https://www.thehcf.org/antiidling/>)

Spare the Air Resource Team participation: Contra Costa County #1 on idle-free

### **Recommendations from Alhambra High School Public Health Academy to Board of Supervisors:**

- Post Idle Free signs at County offices,
- More direct messaging to County employees
- Idle Free stickers in County cars
- Consider policy that prohibits idling in County cars

## SUGGESTIONS FROM IDLE-FREE CALIFORNIA

### Ways to increase awareness

- Other cities in California have adopted anti-idling ordinances (listing below); Contra Costa County cities should consider doing the same
- Idle information rack cards in Contra Costa County's four DMV locations (**samples**)
- VIDEO: East Bay Clean Cities: *To Idle or Not to Idle* (disseminate!)  
<https://www.youtube.com/watch?v=PTbJrEbxs64&feature=youtu.be>
- SCHOOLS #1: Increase awareness at schools (especially middle schools) by working with science, STEM, math, environmental and health teachers to implement long-term, student-led idle-free studies/campaigns.  
Resource: <http://idlefreecalifornia.org/california-idle-free-schools.html>
- SCHOOLS #2: all school districts should promote ACR-160 resolution  
[https://leginfo.legislature.ca.gov/faces/billTextClient.xhtml?bill\\_id=201520160ACR160](https://leginfo.legislature.ca.gov/faces/billTextClient.xhtml?bill_id=201520160ACR160)
- Anti-idling signs posted at County facilities and operations. Sign design example: Spare the Air bilingual sign  
[https://idlefreebayarea.files.wordpress.com/2017/08/idlefree\\_parkingspeng.jpg](https://idlefreebayarea.files.wordpress.com/2017/08/idlefree_parkingspeng.jpg)
- Contra Costa 511: When is idling wasteful?: Suggest adding language avoiding drive-thrus: park and walk into place of business, or turn off engine at pick up window (save gas, engine wear, keep emissions away from attendant)
- Healthcare facilities: policy to reduce emissions during construction  
<https://www.publicnewsservice.org/2017-12-07/energy-policy/nc-hospitals-offer-breath-of-fresh-air-literally/a60538-1>

### ADDITIONAL SUGGESTION

- Clean Cities IdleBox Toolkit: IdleBox is an electronic education and outreach toolkit on vehicle idling reduction. The low-hanging fruit of fuel economy, idling reduction is a simple way to use less fuel and to reduce pollution and greenhouse gases. Add as resource to Contra Costa 511 webpage.  
<https://cleancities.energy.gov/technical-assistance/idlebox/>

## IDLE-REDUCTION TECHNOLOGY

Opportunities - especially Police/EMS vehicles. U.S. Department of Energy Alternative Fuels Data Center IRT companies:

[https://www.afdc.energy.gov/fuels/related/Idle Reduction](https://www.afdc.energy.gov/fuels/related/Idle%20Reduction)

- Contra Costa County Police Depts. - 21

<https://cchealth.org/ems/participants-law.php>

If average of each PD is 10 police vehicles idling for 8 hours/day @ .4 gallons of fuel consumed/hr. (conservative), the 210 vehicles consume 700 gallons a day, 250,000 gallons\*/2,500 tons CO<sub>2</sub>/yr. IRT can cut in half.

\*250,000 gallons fuel @ \$3/gal. = \$750,000/yr.

- Alameda County Sheriff's Dept. utilizes IRT on patrol vehicles

<http://www.policemag.com/channel/vehicles/news/2013/08/16/calif-s-sheriff-using-idle-reduction-systems-on-patrol-vehicles.aspx>

- Contra Costa County Health Centers/Clinic/Regional Medical Center - 10-11

<https://cchealth.org/centers-clinics/>

Opportunities to eliminate ambulance/EMS idling at facilities with installation of anti-idling kiosks

<http://www.medicare.net/>

Example impact one ambulance: California diesel \$3.95/gal

ambulance = 0.75 gal. fuel consumed per hour

x 1,400 call-outs @ 30 minutes each @ \$3.95/gal = 700 gallons (5+ tons CO<sub>2</sub>) @ \$2,073 annually (not including engine maintenance/wear factors; idling places ghost miles on engine)

- Contra Costa County Senior Centers - 20+

Medium-duty vehicles serving these facilities must meet comfort needs of seniors. Opportunities for installation of anti-idling APU/HVAC units

- Contra Costa County Fire Stations - 40?

- Redmond, WA: Apparatus Idle-Reduction Technology Saves Lives and Money

<https://www.firehouse.com/apparatus/components/engines/article/12317024/apparatus-idlereduction-technology-saves-lives-and-money>

- IRT Engineered Specifically for the Fire Service: Rosenbauer Green Star IRT

<http://www.rosenbaueramerica.com/features/green-star-irt>

## EXISTING IDLE REDUCTION MODELS FROM OTHER JURISDICTIONS THAT INCLUDE LIGHT-DUTY VEHICLES – ORDINANCES OR POLICIES:

### Cities:

#### California:

- Santa Cruz: Anti-Idling Ordinance  
<http://www.cityofsantacruz.com/home/showdocument?id=42417>
- Santa Barbara: Anti-Idling Ordinance 10.48.095 Idling of Parked Vehicles: (p. 252)  
<https://www.santabarbaraca.gov/civicax/filebank/blobdload.aspx?BlobID=12162>
- Palo Alto: Anti-Idling Ordinance - city council will vote after summer break. Report:  
<https://www.cityofpaloalto.org/civicax/filebank/documents/65306>
- City of Berkeley: Anti-Idling Ordinance under consideration (however in current form exempts passenger vehicles)  
[https://www.cityofberkeley.info/uploadedFiles/Council\\_3/Level\\_3\\_-\\_General/Anti-Idling\\_Ordinance.pdf](https://www.cityofberkeley.info/uploadedFiles/Council_3/Level_3_-_General/Anti-Idling_Ordinance.pdf)

#### Cities in other Western states:

- Park City, UT  
[https://parkcity.municipalcodeonline.com/book?type=ordinances-name=9-10\\_Anti-Idling](https://parkcity.municipalcodeonline.com/book?type=ordinances-name=9-10_Anti-Idling)
- Cottonwood Heights, UT  
<http://www.cottonwoodholladayjournal.com/2018/06/21/175555/no-more-idling-in-cottonwood-heights>
- Holladay, UT  
[http://www.cityofholladay.com/img/File/No\\_2013-03\\_Idling\\_of\\_Vehicles.pdf](http://www.cityofholladay.com/img/File/No_2013-03_Idling_of_Vehicles.pdf)
- Eugene, OR - No Idling and No Top-off Policy  
<https://www.eugene-or.gov/1296/No-Idle-No-Top-Off>

#### CANADA

- Canada has about 75 city anti-idling bylaws  
[https://www.nrcan.gc.ca/sites/www.nrcan.gc.ca/files/oeefiles/transport/idling/excel/Step\\_4\\_Resources\\_-\\_Idling\\_Control\\_Bylaws\\_Across\\_Canada-EN.xls](https://www.nrcan.gc.ca/sites/www.nrcan.gc.ca/files/oeefiles/transport/idling/excel/Step_4_Resources_-_Idling_Control_Bylaws_Across_Canada-EN.xls)
- Vancouver, BC bylaw and campaign  
<https://vancouver.ca/streets-transportation/idling.aspx>

COUNTIES: County-level idle reduction measures (policies, rules, strategies, etc.) around U.S. Most aimed at county government vehicles:

- Pierce County, WA Fuel Reduction Strategy  
<https://www.co.pierce.wa.us/DocumentCenter/View/24920/Pierce-County-Fuel-Reduction-Policy?bidId=>
- Johnson and Wyandotte Counties, KS Idling Reduction Rule  
[http://www.kdheks.gov/bar/download/idle\\_rule.pdf](http://www.kdheks.gov/bar/download/idle_rule.pdf)
- Cobb County, GA Vehicle Idling Reduction Strategies  
<https://cobbcounty.org/images/documents/property-management/meassure37->

[reduction.pdf](#)

- Fulton County, GA No Idling Policy  
<http://www.fultoncountyga.gov/latest-news/1875-fulton-county-fights-smog-with-no-idling-policy>
- Durham County, NC Idle Reduction Policy  
<https://durhamnc.gov/DocumentCenter/View/944/Durham-County-Idle-Reduction-Policy-PDF?bidId=>

STATES: Seven U.S. states with all motor vehicle idling laws/regulations

- Connecticut
- Hawaii
- Massachusetts
- Maryland
- New Hampshire
- New Jersey
- Vermont