



ANTI-IDLING EDUCATION & ENFORCEMENT ACTION

Sustainable Jersey - 10 Points



Auto-Idling – An Overview

- ❖ A car is idling when the engine is turned on but the vehicle is not in motion.
- ❖ Car idling leads to severe environmental damage.
- ❖ Idling is known to cause or exacerbate a variety of heart & lung ailments.
- ❖ Idling wastes gas/fuel & increases expenses.





Environmental Impacts of Auto-Idling

- ❖ Carbon Dioxide (CO₂) & other greenhouse gases are responsible for global climate change by absorbing infrared & emitting infrared radiations.
- ❖ Transportation accounts for 30-40% of US total CO₂ emissions.
- ❖ Increased atmospheric CO₂ from auto-emissions is a main contributor to global climate change.
- ❖ A car idling for TWO minutes burns enough gas to travel ONE mile, releasing ONE pound of CO₂





Health Impacts of Auto-Idling

- ❖ Vehicle exhaust contaminates the air with harmful particles & chemicals triggering premature deaths.
- ❖ Diesel exhaust causes or exacerbates heart & lung ailments
- ❖ Prolonged exposure to diesel emissions can cause asthma & a propensity for asthma in the unborn.
- ❖ Moderate air pollution can trigger heart attacks.
- ❖ Inhaled particles provoke immune cells & cause inflammation in the lungs & heart, exacerbating heartbeat disturbances.
- ❖ Long-term exposure to combustion-related fine particulate air can lead to cardiopulmonary & lung cancer mortality.





Anti-Idling Regulations in New Jersey

- ❖ New Jersey has had a no-idling regulation for diesel-fueled commercial vehicles since 1972.
- ❖ This law was updated in 2009 that no motor vehicle may have its engine running if motionless for more than 3 consecutive minutes.
- ❖ Despite these provisions, idling continues to occur in communities throughout New Jersey.





Anti-Idling Education & Enforcement Action

Leadership & Involvement

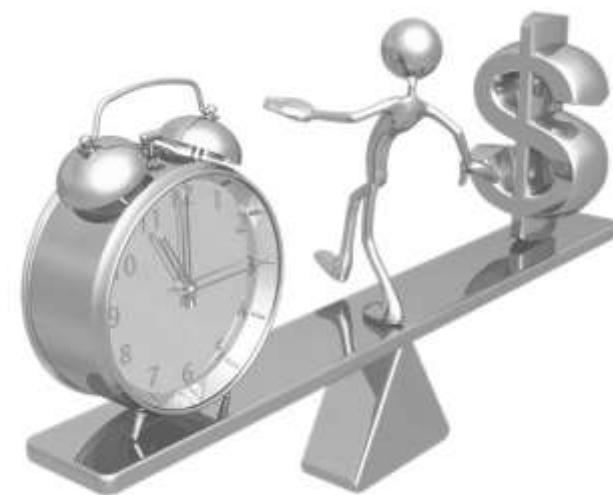
- ❖ Law enforcement personnel
- ❖ Governing Body
- ❖ Mayor
- ❖ Business district or chamber of commerce
- ❖ Schools (PTAs, student groups & clubs)
- ❖ School bus companies
- ❖ County Environmental Health Officers
- ❖ Environmental Commissions





Timeline

- ❖ 3 – 5 months to organize & implement an anti-idling education & enforcement program
- ❖ Tasks that can be accomplished simultaneously include:
 - ❖ Passing a Resolution (1-2 months)
 - ❖ Identify priority locations to target (1-2 months)
 - ❖ Educate the community (1-2 months)
 - ❖ Post signs at idle-frequent locations (2 months)
 - ❖ Produce a detailed enforcement plan (3 months)



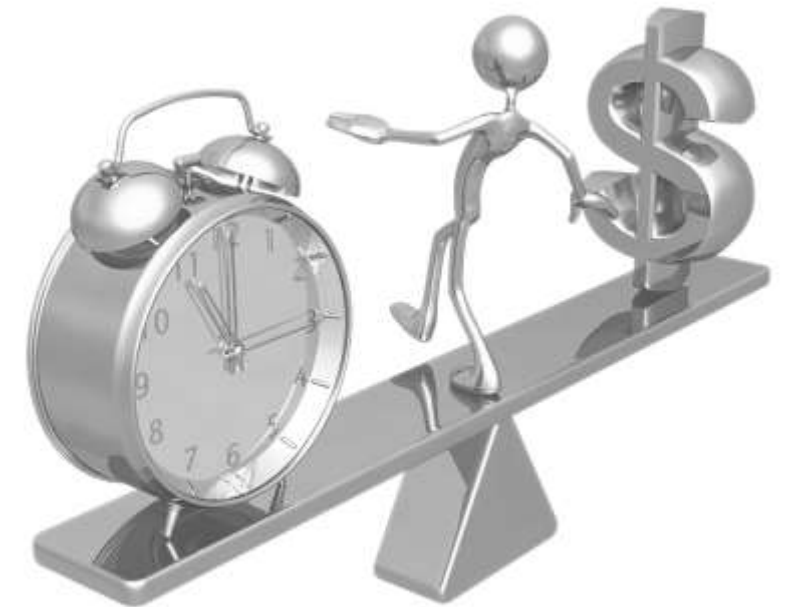


Project Cost

- ❖ The cost to implement this action is low.
- ❖ May consist of only printing & signage costs.

Resource Requirement

- ❖ Minimal staff time to foster the program.





Anti-Idling Education & Enforcement Action - Requirements

1. Identify & map priority anti-idling locations throughout the community
2. Complete at least THREE of the following actions:
 - 1) Pass an Anti-Idling Resolution by the municipal governing body.
 - 2) Post No-Idling signs at priority anti-idling locations.
 - 3) Develop a detailed enforcement plan for priority anti-idling locations.
 - 4) Produce educational materials & distribute them to the community.
 - 5) Provide detailed report of results/findings of monitoring & evaluation efforts.



Note: The resolution must be in effect for the year applying for certification to receive credit for this action; all other actions must have occurred within 18 months of the submission deadline.



Anti-Idling Resolution Requirements

- ❖ Reflect an intent to reduce all motor vehicle idling, including gasoline & diesel powered vehicles.
- ❖ Encourage all gasoline & diesel powered motor vehicles to turn off engines after 10 seconds.
- ❖ Target anti-idling efforts at frequent-idling locations such as school drop-off & pick-up areas, drive throughs, gas stations, parking lots, etc.
- ❖ Include municipally-owned vehicles in the anti-idling campaign, granting an exception where safety is a concern.
- ❖ Support broad education of the public about the health, environmental & economic impacts of idling & ways to reduce idling.





Anti-Idling Enforcement

1. Enforcement Authority

- ❖ The NJDEP's "Stop the Soot" program gives a good overview of anti-idling enforcement authority at <http://www.stopthesoot.org/sts-idle-enforce.htm>
- ❖ Local/State Police
 - ❖ Motor vehicle statute was revised by the legislature to clarify that violation includes idling, in addition to visible smoke or contaminants in excess of standards.
 - ❖ Both Motor Vehicle & Traffic Act C. 39:3-70.2 & the Air Pollution Control Act C. 26:2C-1 should be cited.
- ❖ County Environmental Health Officers
 - ❖ Enforce idling on private property





Anti-Idling Enforcement (continued)

2. Penalties/Fines

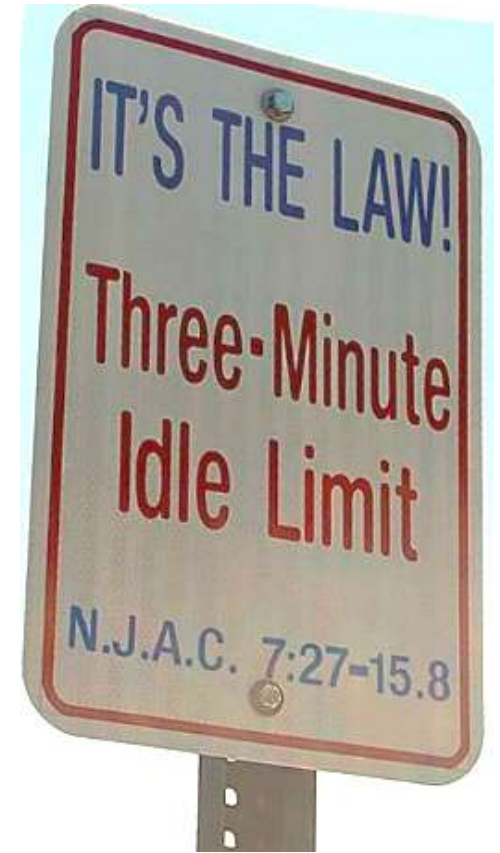
- ❖ Any person who operates a motor vehicle or owns a motor vehicle, which the person permits to idle, or to be operated upon the public highways of the State when the motor vehicle is emitting smoke & other air contaminants shall be liable to a penalty of not less than \$250 nor more than \$1,000 per day, per vehicle.
- ❖ The owner of any school bus that is operated or is permitted to idle shall be liable for a penalty of not less than \$250 nor more than \$1,000 per day, per vehicle.



Anti-Idling Enforcement (continued)

3. Exemptions to the mandatory 3-minute idling regulation:

- ❖ Vehicles stopped in traffic, vehicles waiting for vehicle inspection or being repaired, emergency vehicles in emergency situations
- ❖ Buses discharging or picking up passengers, vehicles with a power source used for necessary & prescribed mechanical operation
- ❖ Certain long-haul trucks when parked overnight or during mandatory rest periods
- ❖ Vehicles that are actively performing emergency services





Anti-Idling Education & Enforcement Action Documentation Submission Requirements

- ❖ To earn points for an anti-idling program, towns must identify & map priority anti-idling locations throughout the community AND complete at least THREE of the following actions:
 1. Pass an Anti-Idling Resolution by act of the municipal governing body.
 2. Post No Idling signs at priority anti-idling locations.
 3. Develop a detailed enforcement plan for priority anti-idling locations.
 4. Produce educational materials & distribute to the community.
 5. Provide detailed report on results/findings of monitoring & evaluation efforts.





Anti-Idling Education & Enforcement Action

Documentation Submission Requirements (continued)

- ❖ A short narrative describing the anti-idling program, the project team involved and any outreach, educational and/or enforcement efforts.
- ❖ Upload: Copy of the map of prioritized anti-idling locations in the community
- ❖ Upload: at least THREE of the following:
 1. Certified copy of the anti-idling resolution as adopted by the governing body.
 2. Photographs of no idling signs at priority anti-idling locations.
 3. Copy of detailed enforcement plan for priority anti-idling locations.
 4. Copy of educational materials produced and distributed along with description of communication efforts.
 5. Copy of detailed report on results/findings of monitoring and evaluation efforts.





Anti-Idling Education & Enforcement Action – Spotlight

Oakland Borough, Bergen County, NJ created an anti-idling campaign around its school facilities, taking action by:

- ❖ Observing/recording the idling practices at the schools;
- ❖ Sending out surveys to teachers;
- ❖ Sponsoring a poster contest to raise awareness on the effects of idling;
- ❖ Distributing pens and pencils with their anti-idling slogan;
- ❖ Installing no idling signs at the schools and Board of Education;
- ❖ Placing an informative note on Channel 77 (local cable news channel).



Resources

- ❖ Clean Water Action – Idle Free New Jersey

<http://cleanwateraction.org/node/155>

- ❖ New Jersey Administrative Code, Title 7, Chapter 27, Air Pollution Control

<http://www.nj.gov/dep/aqm/rules27.html>

- ❖ New Jersey Department of Environmental Protection -- General Information on Idling Stop the Soot –

<http://www.state.nj.us/dep/stopthesoot/index.htm>

- ❖ New Jersey Department of Environmental Protection -- How clean is YOUR air?

Check out the New Jersey Department of Environmental Protection (NJ DEP)'s website for a daily reading of your region's air quality.

<http://www.njaqinow.net/Default.ltr.aspx>



Resources (continued)

- ❖ No-Idling pledge forms –

For parents at <http://www.nj.gov/dep/stopthesoot/No-Idling%20Pledge%20-%20Parents.pdf>

For school districts at <http://www.nj.gov/dep/stopthesoot/No-Idling%20Pledge%20-%20School%20Districts.pdf>

For bus companies at <http://www.nj.gov/dep/stopthesoot/No-Idling%20Pledge%20-%20Bus%20Companies.pdf>

- ❖ PS Clean Air Agency -

<http://www.pscleanair.org/actions/vehicles/individuals.aspx>

- ❖ Sample No-Idling signs –

<http://www.state.nj.us/dep/stopthesoot/signsamples.pdf>

- ❖ Transportation Management Associations -

Your local Transportation Management Association (TMA) can provide expertise and guidance regarding your No Idling Program. Visit the TMA Council of New Jersey's website to find out how to contact your town's local TMA:

<http://tmacouncilnj.org/>