



ReworldTM



Environmental Justice & Community Outreach

Industry Perspective – Best Practices

Agenda

- 1) Reworld Waste Virginia Facilities
- 2) Environmental Justice
- 3) Community Outreach
- 4) Public Hearing-Best practices
- 5) Continuous Emissions Monitoring Data

EPA EJ Policy

Environmental justice is defined by the U.S. Environmental Protection Agency as the fair treatment and meaningful involvement of all people regardless of **race**, **color**, **faith**, **national origin**, or **income**, in the development, implementation, and enforcement of environmental laws, regulations, and policies.

No population, especially minority, low-income, or historically-underserved communities, should face higher levels or greater impacts of pollution than other populations. Some of these communities face more severe environmental degradation, which disproportionately affects public health and quality of life.

Virginia EJ Act

[The Virginia Environmental Justice Act](#) states, “It is the policy of the Commonwealth to promote environmental justice and ensure that it is carried out throughout the Commonwealth, with a focus on environmental justice communities and fenceline communities.”

It further defines as, “the fair treatment and meaningful involvement of every person, regardless of **race**, **color**, **national origin**, **income**, **faith**, or **disability**, regarding the development, implementation, or enforcement of any environmental law, regulation, or policy.”



Environmental Justice Community Screenings indicate

Alexandria (pop. 94,501)

- 22% are low income
- 61% are people of color
- **Considered a disadvantaged community (inflation/industry)**
- 6% of adults have less than High School Diploma
- 8% limited English household
- 7% under 5 years old
- 12% over age 64

Fairfax- Lorton (pop. 26,887)

- 14% are low income
- 66% are people of color
- **Considered a disadvantaged community (inflation/industry)**
- 8% of adults have less than High School Diploma
- 6% limited English household
- 5% under 5 years old
- 11% over age 64

It's important for us to be one with the community, we do this by:

- Understanding and championing the EPA's Environmental Justice Policy
- Welcoming open two-way communication
- Actively listening to community concerns
- Hosting neighborhood Meetings
- Collaborating with local schools
- Championing tours to our facilities
- Sponsoring local Events
- Supporting nonprofits
- Being involved with Community initiatives
- Hiring local



We ask community members and partners what they need, instead of assuming that we know!

Most of our communities have asked for:

- Programming for citizens 65+
- Elementary school STEM curriculum
- Partnerships with local nonprofits to enhance community resources
- Programs for youth
- Support for Veterans
- Community Benefit Agreements
- Pipeline for High School & Trade students
- Transparency about our operations
- Internships and Jobs, Jobs, Jobs!



How we've delivered....





**Location of
Hearing**



**Time of
Meeting**



**Virtual
In person
Hybrid**



**Recorded
Transcribed**



**Language
Access**



**Public
Comment
Time**



**Hearing
Conclusion**



Accessibility



**Open
Dialogue**



**Hearing
Content**

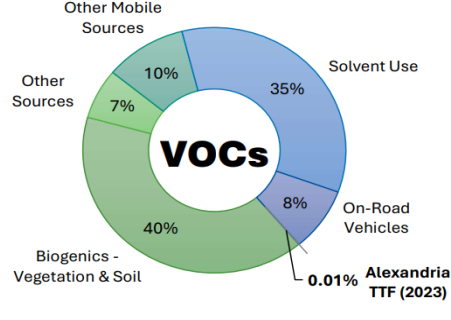
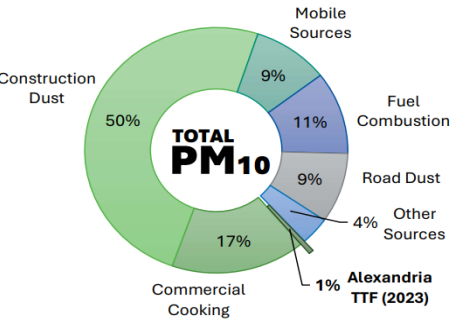
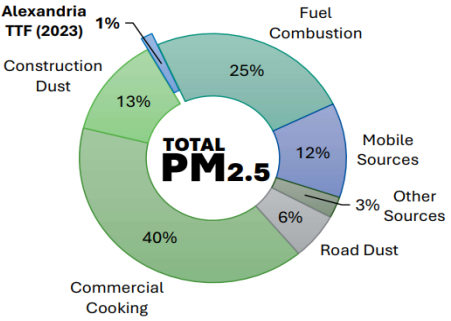
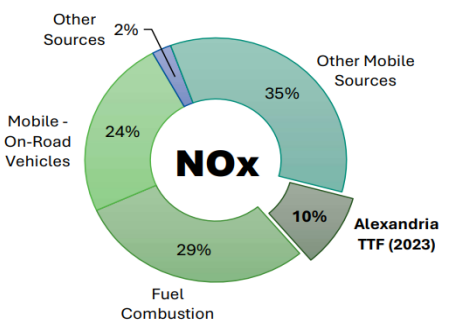
We take pride in our Continuous Emissions Monitoring Systems

- Alexandria was 100% compliant for CEM's in 2023
- Fairfax was 99.97% compliant for CEM's in 2023

Transparency

Data Availability

How Do Our Emissions Compare to Other Sources in the County?
Local air emissions*** in Alexandria City & Arlington County, VA



CEMS (Website)

08/07/2024

Reference Info		Carbon Monoxide (CO)	Sulfur Dioxide (SO2)		Nitrogen Oxides (NOx)	Opacity (stack)
		Maximum 4Hr	Daily (24Hr) or Removal Efficiency		Daily (24Hr)	Maximum 6min
Permit Limit		100	29	>= 75%	110	10
Actual Data						
08/07/2024	Unit 1	29	1	98.1	88	1
08/07/2024	Unit 2	20	0	99	89	1
08/07/2024	Unit 3	21	2	94	87	2

Thank you

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