

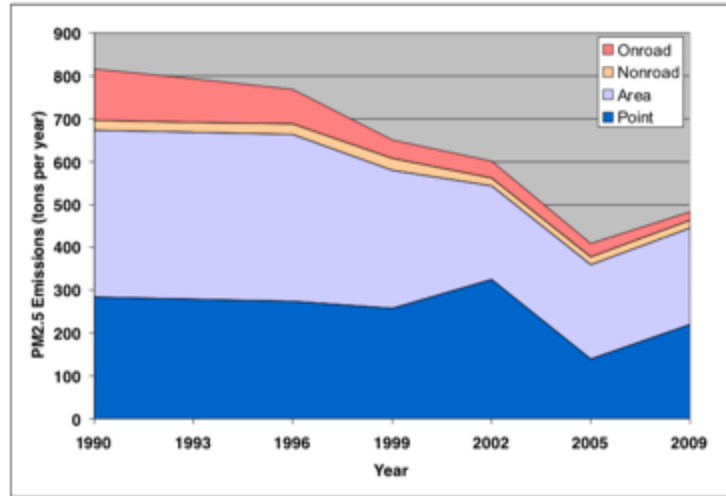
Environmental Action Plan 2018-19 Update

Air Quality

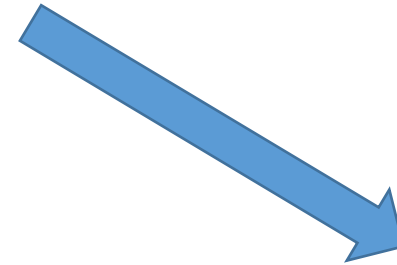
EAP update is opportunity for City to lead by example; provide best-in-class visibility to emissions
 2009 EAP targets were focused on coal plant – closed in 2012

	Goal Target	Justification
City Operations	<p>Reduce PM emissions from City operations 20% by FY2024</p>	<ul style="list-style-type: none"> • The City should lead by example and reduce its impact on local air quality • Actions related to City operations are most within the City's control • In the prior EAP the City set a target for a single stationary source to reduce its PM by 20% in 5 years
Community	<p>Measure emissions in the City Inventory by source/sector; Real-time data online by FY2021</p>	<ul style="list-style-type: none"> • Need to measure relative sources (i.e. vehicles, construction, remaining point sources) to identify areas to improve • In the prior EAP there was an action to inventory <i>stationary source</i> emissions. A more complete updated inventory is needed considering important changes in emission sources • In the prior EAP there were actions related to expanding monitoring to PM2.5 and providing real-time data online on ozone and PM emissions. These are feasible and implemented in neighboring jurisdictions

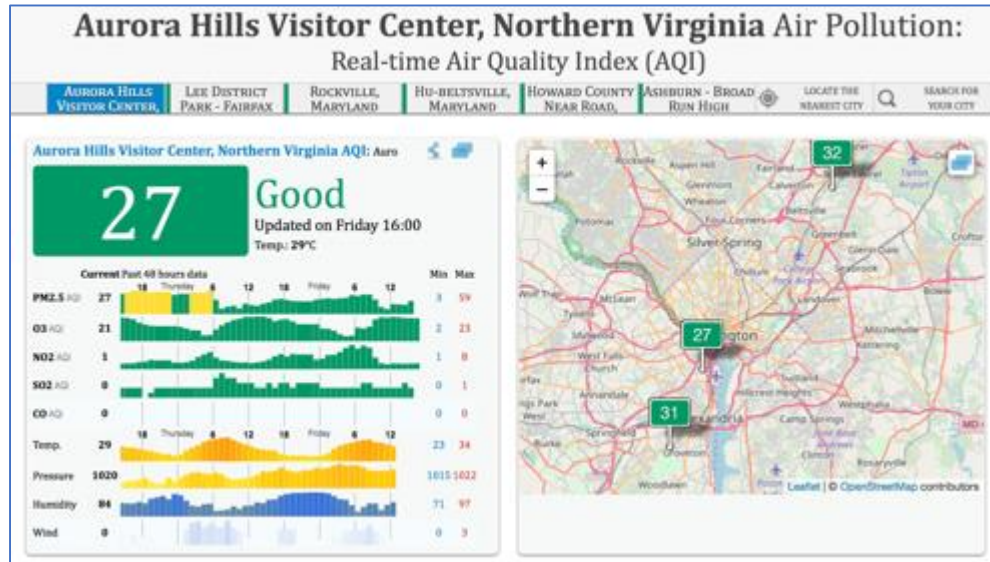
Context



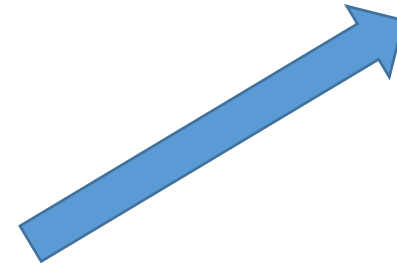
Example:
1990-2005
Alexandria
PM2.5 Inventory
by Sector



Better understanding of opportunities to improve air quality through policy



Example:
Arlington AQ
monitor data
online, including
PM2.5 and ozone



Appendix:

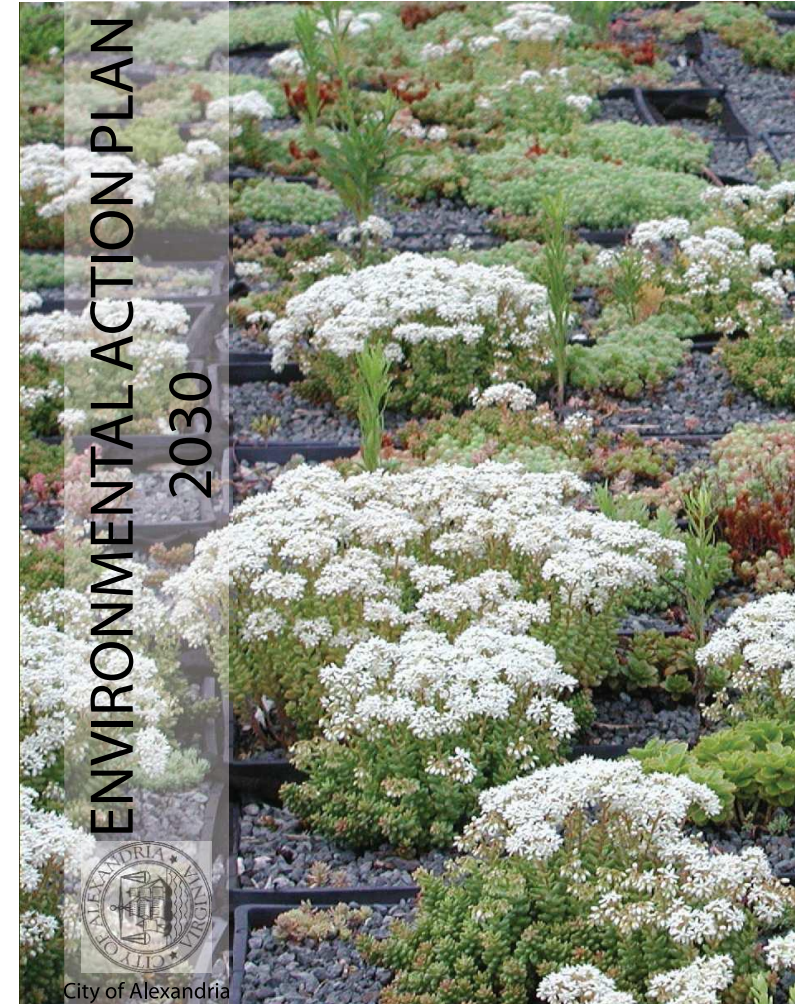
**Environmental Action Plan
2009**

Air Quality

EAP (2009) Air Quality Targets

	Reduce Emissions at NRG Potomac River Coal Plant
2011	Fugitive emissions - Ash loading 25% Fugitive emissions - Coal yard ops 20%
2013	Stack PM emissions 20%
2020	<i>None</i>
2025	<i>None</i>
2030	<i>None</i>

← Update: Plant stopped operating in 2012



EAP (2009) Air Quality Goals

	Short-term 2009-2011	Mid-term 2012-2020	Long-term 2021-2030
1. Compliance with NAAQS	Stationary source emissions inventory Air Quality Action Day Plan for City operations “NO IDLING” signs Continue compliance efforts	Expand Transportation Master Plan to focus on alternative transportation Expand monitoring to include PM2.5 By 2015: Provide real-time ozone and PM data online	<i>None</i>
2. Reduce off-road/mobile emissions	Working group w/ goal of banning sale of gas-powered garden equipment Educate citizens on impact of old lawn equipment	Examine feasibility of residential incentive for replacing lawn equipment	<i>None</i>
3. Engage stakeholders	<i>None</i>	Expand Air Quality Action Day outreach to local businesses Community outreach on implications and actions to mitigate Incorporate into ACPS curriculum	
4. Promote low emissions vehicles	Encourage Green Taxi fleet through MPG standards for new vehicles	Expand City biodiesel purchase program to alternative fuels Incentives for residents who purchase ZEVs Partner with DOE's Clean Cities Program – reduce petroleum consumption Grants to retrofit diesel vehicles and construction equipment Promote new infrastructure to support hydrogen, EV, PHEV	