



# Safety & Environmental Newsletter

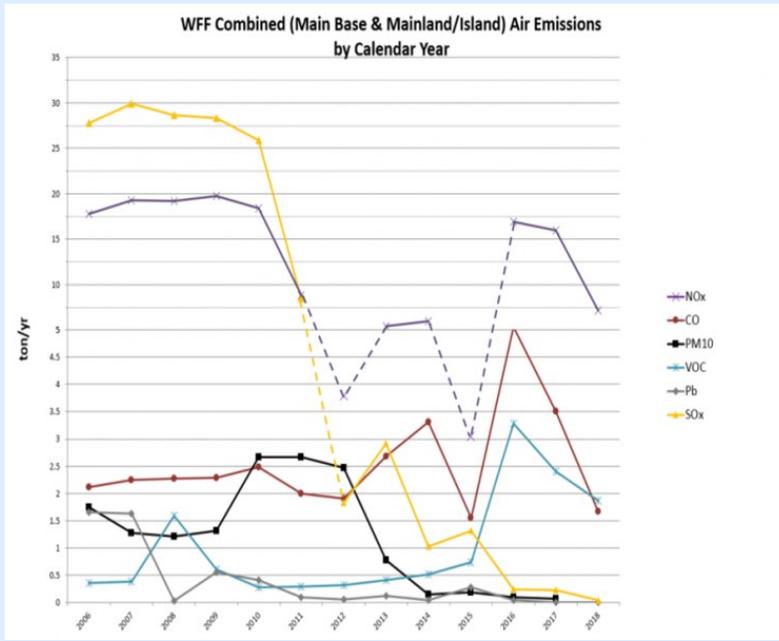


August 2019 Issue – 88th Edition

## Wallops Air Quality

The Clean Air Act requires EPA to set National Ambient Air Quality Standards for six common air pollutants (also known as criteria air pollutants): particulate matter, photochemical oxidants (including ozone), carbon monoxide, sulfur oxides, nitrogen oxides, and lead. These pollutants are found all over the U.S. They can harm your health and the environment, and cause property damage.

When EPA sets a new National Ambient Air Quality Standard or revises an existing standard for each criteria air pollutant, the Clean Air Act requires EPA to determine if areas of the country meet the new standards. States and tribes submit recommendations to the EPA as to whether an area is attaining the national ambient air quality standards for a criteria pollutant. The states and tribes base these recommendations on air quality data collected from monitors at locations in urban and rural settings as well as other information characterizing air quality, such as modeling. After working with states and tribes, and considering the information from air quality monitors and models, EPA will designate an area as “attainment” or “nonattainment” for the standard. If the air quality in a geographic area meets or exceeds the national standard, it is called an attainment area. Similarly, areas that don't meet the national standard are called nonattainment areas.



Wallops Flight Facility is located geographically in an attainment area. WFF has also instituted several changes over the years such as converting from #6 fuel to propane. The results of those efforts are shown in the graph to the left. Increases in emissions in some years are linked to increased fuel usage from missions or cold winters.

WFF has two Virginia Department of Environmental Quality State Operating Permits, which regulate the emissions of criteria pollutants from stationary sources. Monthly calculations of emissions from generators and fire pumps, boilers and water heaters, paint booths and lab hoods, grit-blasting operations, soldering and welding, rocket motor testing and disposal, and ozone depleting substances use are com-

puted into a 12-month rolling average and compared to our permit limits. Annually, these sources are inspected by the Environmental Office to ensure that the permit equipment and process list is complete.

If you are responsible for designing systems, procuring equipment and supplies, or operating or maintaining any item on the list above, please contact TJ Meyer at x1987 whenever you make a change to your equipment (new, replaced, or removed) or procedures (new substances, more/less time usage/throughput).





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## Reporting Safety Hazards

### Emergency Contacts

Landline: 911  
Cell phone: 757-824-1333

### Mishap and Hazard Reporting

Report to your supervisor immediately  
Report in NMIS or NSRS

### Non-Emergency Contacts

Safety Office x1625  
Dispatch/Fire Dept x1300  
Facility System Safety Michelle Leimbach x2156  
Fire Protection Darryl Nemeth x1159  
Fall Protection Michelle Leimbach x2156  
Explosive Safety Shad Combs x1716  
Industrial Hygiene Marv Bunting x2030  
Electrical Safety Julio Diaz x2282  
Pressure Systems Nick Noparat x2101  
Lifting Devices Julie Hurst x2679  
Construction Safety Michelle Leimbach x2156

### Join OSHA's Safe & Sound Campaign

Safe + Sound Week is a nationwide event to celebrate the successes of businesses that have implemented safety and health programs in the workplace. Throughout the year, businesses show their commitment to safety by focusing on management leadership, worker participation, and a systematic approach to finding and fixing hazards. Each August OSHA invite businesses to celebrate their safety successes and efforts to be #SafeAndSoundAtWork.

Safe workplaces are sound businesses. Successful safety and health programs can proactively identify and manage workplace hazards before they cause injury or illness, improving sustainability and the bottom line. Participating in Safe + Sound Week can help get your program started or energize an existing one. Organizations of any size or in any industry are encouraged to participate. To get started, select the activities you would like to do at your workplace. You can host an event just for your workers or host a public event to engage your community. After you've completed your events, you can download a certificate and web badge to recognize your organization and your workers. For more info/resources:

<https://www.osha.gov/safeandsoundweek/>

## Safety Reminders

- Review your company's safety and Health plan prior to starting work.
- Safety Data Sheets (SDS) shall be present for all chemicals used. Review them before using the chemical/product.
- Fall protection must be worn whenever you are exposed to a fall hazard of 4' or greater and within 15' from an edge.
- Prior to disturbing any building materials confirm with your supervisor that the material does not contain lead base paint or asbestos.
- For lockout/tagout/blockout purposes, only red padlocks shall be used.
- Prior to any hot work (e.g. welding, cutting, or other ignition source), a hot work permit must be obtained from the fire department
- A dig permit must be obtained from Environmental prior to any digging operation.
- Operators of motor vehicles and bicycles shall comply with all posted traffic controls, including stop signs, speed limits, crosswalks, one-way street designations, disabled-only parking spaces, etc., as well as with all state and local traffic regulations.
- The speed limit on all roadways is 30 mph and 15 mph in parking lots - unless otherwise posted.



**SAFE WORKPLACE**



**SOUND BUSINESS**