

Welcome to Administrator McCarthy!

“For too long, we’ve been focused on this false choice,” stated McCarthy. “It’s not a choice between the health of our children and the health of the economy. We need to embrace cutting carbon pollution as a way to *grow jobs & strengthen the economy*. Let’s talk about this positively. Let’s approach this as the opportunity of a lifetime.”

Gina McCarthy
Remarks at Harvard University
July 30, 2013

It was one of the longest and most challenging confirmation processes in many years. However, ARAQMD is glad to share the US EPA’s announcement that: Gina McCarthy is the new Administrator of the U.S. Environmental Protection Agency.

Appointed by President Obama in 2009 as Assistant Administrator for EPA’s Office of Air and Radiation, Gina McCarthy has been a leading advocate for common-sense strategies to protect public health and the environment.

Previously, McCarthy served

as the Commissioner of the Connecticut Department of Environmental Protection.

During her career, which spans over 30 years, she has worked at both the state and local levels on critical environmental issues and helped coordinate policies on economic growth, energy, transportation and the environment.



McCarthy received a Bachelor of Arts in Anthropol-

ogy from the University of Massachusetts at Boston and a joint Master of Science in Environmental Health Engineering and Planning and Policy from Tufts University.

When she is not in D.C., McCarthy lives in the Greater Boston area with her husband and two dogs, just a short bike ride away from their three children, Daniel, Maggie and Julie.

We at ARAQMD are excited to see what the future holds for our environment and air quality under this new leadership!

INSIDE THIS ISSUE:

AirCasting Continued	2
Safer Cleaning Products	2
Field Activities	3
Numbers	4

AirCasting a Model for the Future?

What is AirCasting?

AirCasting is a platform for recording, mapping, and sharing health and environmental data using your smart phone. Each AirCasting session lets you capture real-world measurements, annotate the data to tell your story, and share it via the CrowdMap.

Basically, using a free App (available for Android platform as of this writing) and a device you can build yourself (following detailed

instructions) you can monitor and record carbon monoxide, nitrogen dioxide, temperature and relative humidity along with noise levels. The app allows you to upload the material to a central location where the data is then mapped. This is called “crowdsourcing.”

Could this be the future of air monitoring? Individuals equipped with mobile monitoring equipment that can be used to provide real time snapshots of air quality virtually anywhere. Out for a stroll

in the evening with the kids? Take a reading and upload the info. Hitting the pavement for a predawn run? Let folks know the air quality conditions you encountered.

While the technology is new and not necessarily calibrated to standards required by, say, the EPA, it could definitely start a trend for years ahead.

As stated on the aircasting.com website, “*Currently there is insufficient data available on the ACAM*

AirCasting Continued

(AirCasting Air Monitor) gas sensors to characterize or calibrate their true performance. However, the sensors are sensitive enough and their detection limit are low enough that they are capable of measuring relative changes in CO and NO₂ concentrations within ranges that are commonly encountered in the urban environment. Reflecting the uncertain accuracy of the gas sensors, the ACAM is programmed to report gas concentrations using a generic response indicator (RI) scale, rather than a parts per million or parts per billion unit of concentration.”



AirCasting Air Monitor

Interested? Got some electronic skills? Head to the website, aircasting.org and scroll down to the download the AirCasting Air Monitor DIY guide and you can download a materials list and assembly instructions to create your very own monitoring unit. Add in things like an optional heart rate monitor or AirCasting Luminescence to learn how heart rate and other feedback items are impacted by your physical activity and the air quality.

The future of air quality monitoring may be at your fingertips!

For weekday
Air Quality
Index
updates and links to
timely articles & info.
like us,

**AKRON
REGIONAL
AIR QUALITY
MANAGEMENT
DISTRICT
on
Facebook!**

Help us reach 100
“Likes.”

Safer Cleaning Products

From the EPA Connect blog, written by Jim Jones.

When buying cleaning products, you probably first look for a product that will get a particular job done, then compare prices. You might even smell the product, or look for a fragrance-free product. While you may choose a scent based on personal preference, if you care about product safety, it's worth taking a closer look at the specific chemicals that add scent to cleaning products.

In September 2012, EPA created a [Safer Chemical Ingredients List](#) to assist companies interested in making safer products and to increase public access to important chemical information. And [announced today](#), EPA has added 119 chemicals that add fragrance to the list of over 600 approved chemical ingredients.

The list is also useful to companies seeking EPA's [Design for the Environment Safer Product Label](#) by providing them with a list of chemical ingredients that already meet EPA's rigorous, scientific standard for protecting human health and the environment. Chemicals on the Safer Chemical Ingredients List can be used in Design for the Environment-labeled products. Design for the Environment is a volun-

tary program that involves industry, environmental groups, and academia working in partnership to help protect people and the planet by identifying safer chemicals and allowing safer chemical-based products to carry the Design for the Environment label.

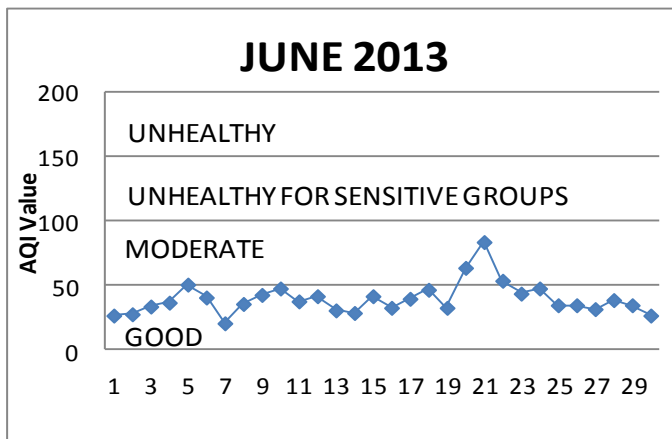
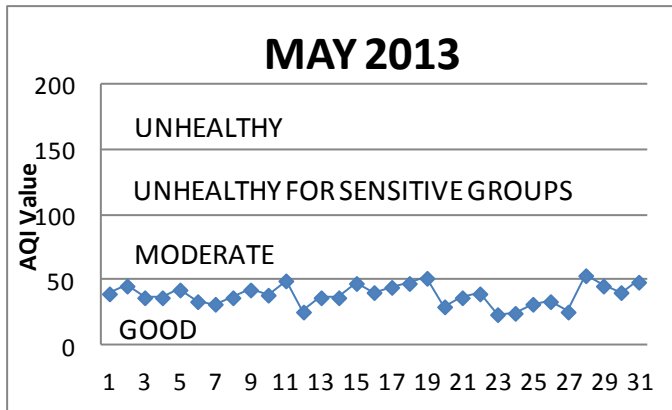
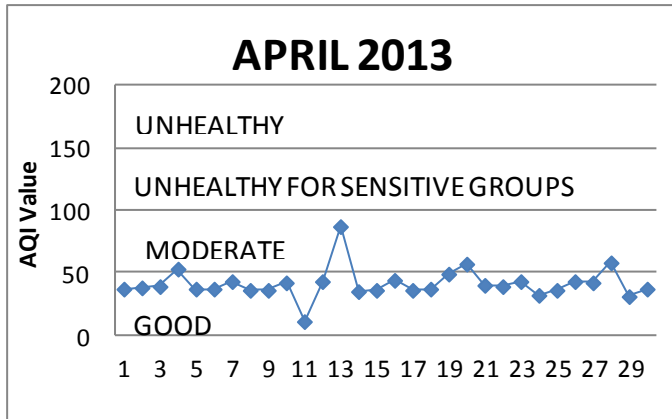
Right now, more than 2,500 products carry the Design for the Environment Safer Product Label, including a range of [all-purpose cleaners](#), [laundry](#) and [dishwasher detergents](#), [window cleaners](#), [car care](#), and many other products. When you see the Safer Product Label on a product, it means the Design for the Environment scientific review team has screened each ingredient for potential human health and environmental effects and determined that the product contains only the safest chemical ingredients available.

Using Design for the Environment-labeled products is an important thing you can do to help reduce your family's exposure to potentially harmful chemicals. Look for the label on products when you shop. You can be sure that these products are safer and work as well as they smell.

Statistic Snap Shot

2nd Quarter 2013

AQI

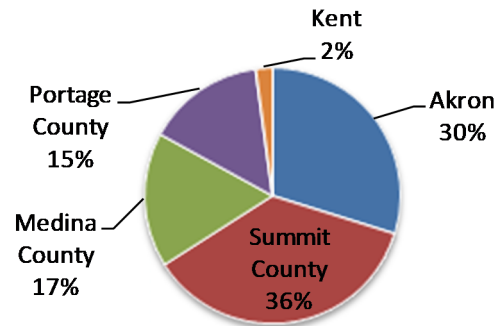


2nd Quarter 2013

Complaints

Area	Commercial/Industrial	Residential	Total
Akron	13	1	14
Summit County	15	2	17
Medina County	3	5	8
Portage County	3	4	7
Ravenna	0	0	0
Kent	1	0	1

3rd Quarter Complaints



3rd Quarter 2012 Open Burning Stats

Area	Permits Issued	Permits Denied	Notifications
Akron	0	0	0
Summit County	4	0	0
Medina County	5	1	1
Portage County	2	0	0
Ravenna	0	0	0
Kent	1	0	0

Asbestos

Visible Emissions Readings

Indoor Air Quality Inquiries

Notifications 148
Inspections 10

13

35

Akron Regional Air Quality Management District

146 S High Street
Suite 904
Akron, OH 44308
Phone: 330.375.2480
Fax: 330.375.2402
Email: araqmd@schd.org
Website: www.araqmd.org

Cleaner Air, Healthier Lives.



Follow us on Facebook!
AQI, Pollen Counts, AQ
Advisory alerts and more!

Numbers, Numbers, Numbers

When you were born, your parents applied for your social security number. Your first “number.” As time goes by the list of “numbers” you need to remember or at least be familiar with grows. Phone number(s), address, student ID #, bank account number(s), taxpayer ID number, passwords. . .oh the list goes on and on.

When you are a regulated facility with Ohio EPA, there’s a number that is assigned there as well. Each facility is issued a “facility ID” (also known as Premise Number). The facility ID is a unique number assigned to your facility that we use in all our record keeping and is important for you to keep handy for all correspondence with ARAQMD.

*When communicating with our office regarding your permitted facility, please be certain to include your **FACILITY ID** on **ALL** correspondence. This will ensure the most accurate recordkeeping!*

The facility ID is derived by a fairly simple formula. Take the following example:

16 77 01 9999

16 - this a constant number used by the state to denote that the

facility is located within the ARAQMD jurisdiction.

77 - this number represents the county the facility is located in. Just like our license plate stickers use a number for the county...we use the same numbering system.

01 - this number designates the city or township the facility is in. The numbers are generally assigned alphabetically by city name within a given county. (Akron - 01, Barberton - 02, etc.)

9999 - this represents what sequence facilities receive their ID.

This number is very important for our staff. Please remember to include it in all correspondence!