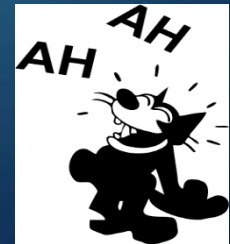


COMPOST REGULATIONS



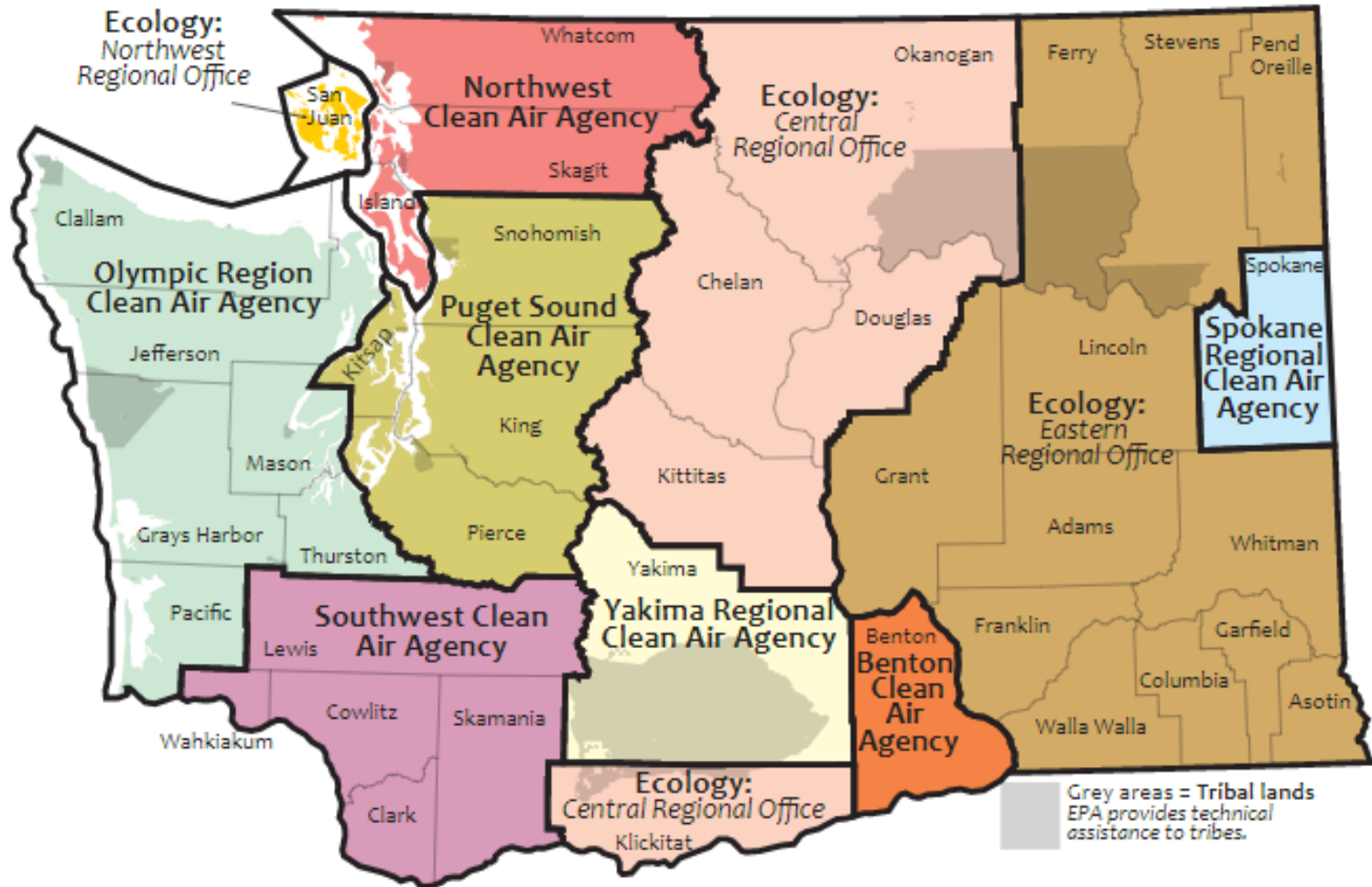
- We're the government and we're here to help (no really, we are).

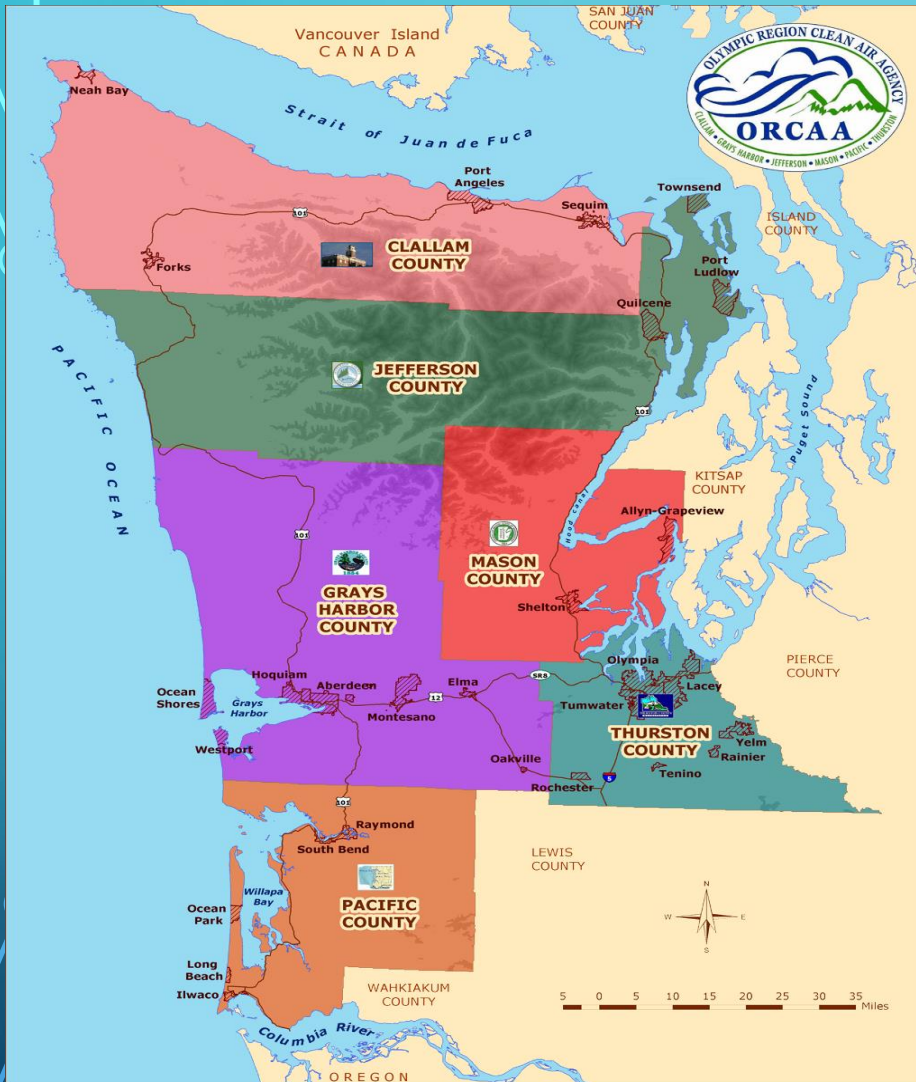


AIR PROGRAM OVERSIGHT

- Multiple Counties: NWCAA, PSCAA, ORCAA, SWCAA
- Individual Counties: Spokane, Yakima, Benton
- Ecology Regional Offices Air Program

AIR AGENCIES IN WASHINGTON





ORCAA JURISDICTION COVERS 6 COUNTIES

8,058 SQ. MILES
POP. 514,545

ESTABLISHED IN 1968

- Washington Clean Air Act ([RCW 70.94](#))
- Agency is responsible for enforcing federal, state and local air pollution standards and governing air pollutant emissions from new and existing sources.

Emission Thresholds

```
graph TD; A([Emission Thresholds]) --- B([Title V]); A --- C([Synthetic Minors]); A --- D([Natural Minors]); B --- E[1992-1993]; C --- E;
```

Title V

Synthetic
Minors

Natural
Minors

1992-1993

TITLE V FACILITIES

- Potential to Emit (PTE)
 - 100 Tons of Volatile Organic Compounds (VOC's)
 - 100 Tons of Criteria Pollutants – Particulate (dust)
 - 10 tons of any one type of Hazardous Air Pollutant (HAP's) or 25 Tons of any combined HAP's

SYNTHETIC MINOR SOURCES

- A Source that had the (PTE) above the Title V threshold but has been limited below the threshold by federally enforceable order, rule, or permit.

NATURAL MINOR SOURCE

- Any source that has the PTE below the Title V threshold.

Most all composting will fall here.

All sources in ORCAA's region fall into this category

LOCAL AIR AGENCY ROLE

- Permit Review for Air Standards
 - New Source Review (NSR)
 - Control Technology Review
 - Emission Modeling
- Site Inspection
- Complaint Response

REGULATORY REVIEW

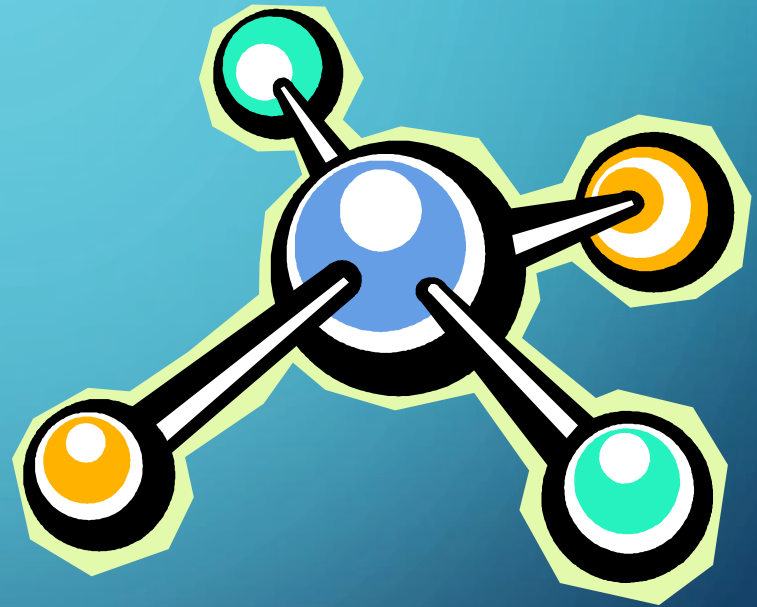
- 3 Main Permit Review Areas:
 - Chemical Emissions
 - Dust Emissions
 - Odor Emissions

CHEMICAL EMISSIONS

Ammonia

VOC's

Methanol



CONTROL TECHNOLOGY

- RACT = Reasonable available control technology
- BACT = Best available control technology

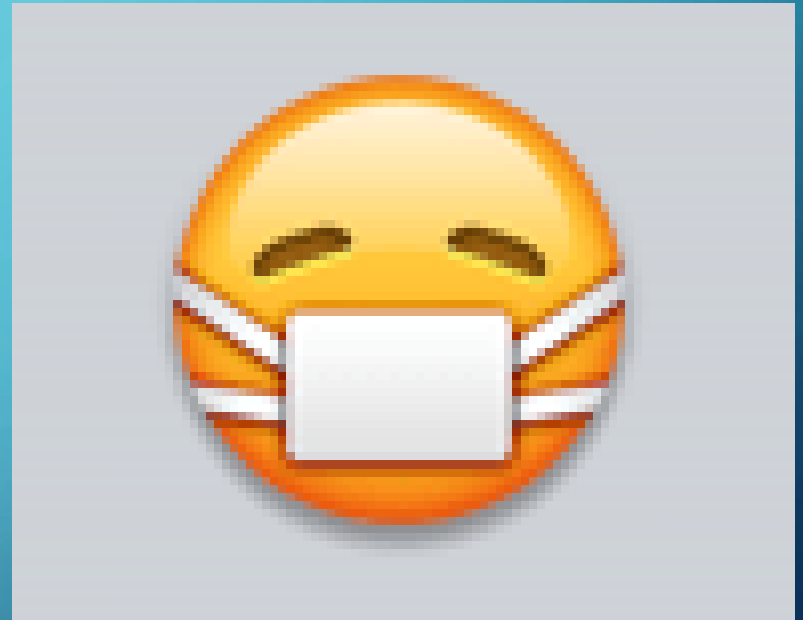


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HEALTH STANDARDS

WAC 173-400-040

- No Person Shall cause or allow the emission of an air contaminant that causes detriment to health, safety, of any person, or causes damage to property or business.



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PARTICULATE STANDARDS

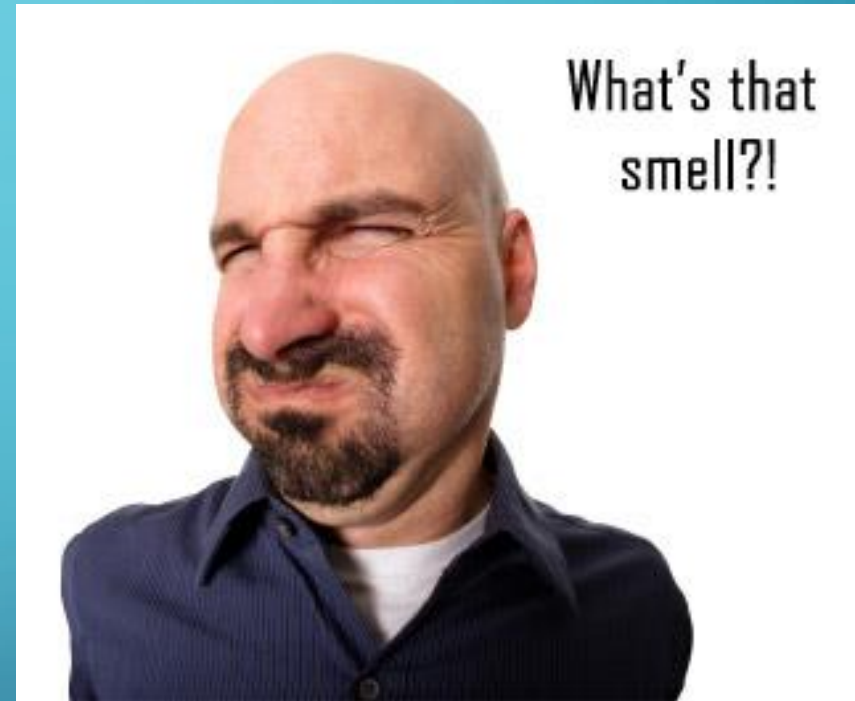
- Reasonable and/or appropriate precautions shall be taken to prevent fugitive particulate from becoming airborne.
- No person shall cause or permit the emission of particulate matter from any source to be deposited beyond the property of the source which interferes with the use and enjoyment of the property where the particulate lands.



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NUISANCE STANDARDS

- No Person shall cause or allow the emission or generation of any odor from any source, which unreasonably interferes with another person's use, and enjoyment of their property.



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DON'T FORGET ABOUT THE LEACHATE



Air and Water will cross paths here

PUBLIC OUTREACH

- Air Agencies can assist and help through outreach. They can explain regulations and emissions can put the science in and take the judgement out (in most cases)

WHAT DO WE WANT?



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We all want the same thing.

The background is a teal-to-blue gradient. In the corners, there are decorative white circuit-like lines with small circles at the ends, resembling a PCB layout.

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www.orcaa.org