Office of Compliance Assistance and Pollution Prevention Services

Ohio EPA

Division of Environmental and Financial Assistance

Mike Kelley

Office of Compliance Assistance & Pollution Prevention

Ohio Environmental Protection Agency

Who will…

- **complete your permit applications,**
- **ensure environmental compliance,**
- **identify cost savings,**
- **provide recycling grant money, and**
- **recognize your efforts?**

Office of Compliance Assistance & Pollution Prevention (OCAPP)

Ohio Environmental Protection Agency

What We'll Cover

- **What is OCAPP**

- **What can OCAPP do for you**

- **Types of assistance provided**

- **Who provides this assistance**

- **Assistance resources and where to get help**

- **How financial assistance ties in**

- **Examples and case studies**

- **Online assistance**

Ohio Environmental Protection Agency

What is OCAPP?

- **Office of Compliance Assistance & Pollution Prevention**

- **Part of Ohio EPA's Division of Environmental and Financial Assistance**

- **Non-regulatory (we're not inspectors!!!)**

- **Free & Confidential**

- **One-stop shop for assistance**

Ohio Environmental Protection Agency

What we can do for you!

- **Provide regulatory technical assistance via phone/e-mail**

- **Help complete and submit permit applications and reports**

- **Develop and help maintain on-site records**

- **Direct you to grant recycling funding**

- **Conduct free on-site compliance, recycling and waste reduction visits**

- **Recognize your efforts through our Encouraging Environmental Excellence (E3) program**

Ohio Environmental Protection Agency

OCAPP assistance in a typical year…

- **>3,500 businesses via phone, email, etc.**

- **>1,300 additional organizations**

- **~200 site visits**

- **>1,000 pieces of "EPA paperwork"** *(air permit applications, emission calculations, reports, NOI, RCRA ID#s, etc.)*

- **~100 outreach events** *(regulatory, P2, OCAPP services, sustainability, webinars)*

Ohio Environmental Protection Agency

Types of Assistance

Off-site Assistance
- **Toll Free Hotline (800) 329-7518**
- **E-mail**
- **Research and information exchange**
- **Waste exchange**

On-site Assistance
- **Compliance and waste reduction assessments**
- **Sustainability focused**
- **Focused on organization's priorities**
- **Recycling options included**
- **Final report**

Pollution Prevention and Sustainability

Pollution Prevention (P2)

- **Not generating waste**
- **Includes waste minimization, energy efficiency, water conservation, recycling, environmental stewardship, etc.**
- **Cornerstone of sustainability**
- **Beyond compliance**

Process focused

- **Saves money**
- **Changes in production/design**
- **Reduces regulatory requirements**
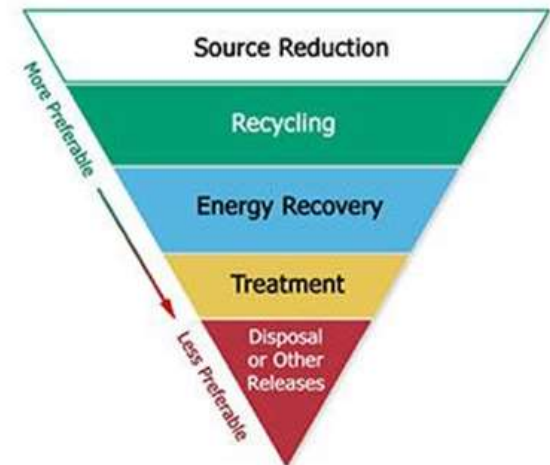
Environmental Compliance

Ensuring Compliance

- **Identifying regulatory requirements**
- **Indicating where improvements are needed**
- **Helping you understand how to achieve compliance**

Waste focused

- **How to manage waste correctly**
- **How to operate facility to meet regulatory requirements**
- **Regulation based**

How to request confidential assistance...

- **Toll-free confidential hotline:**

  (800) 329-7518

- **8:00 am - 5:00 pm Monday through Friday**
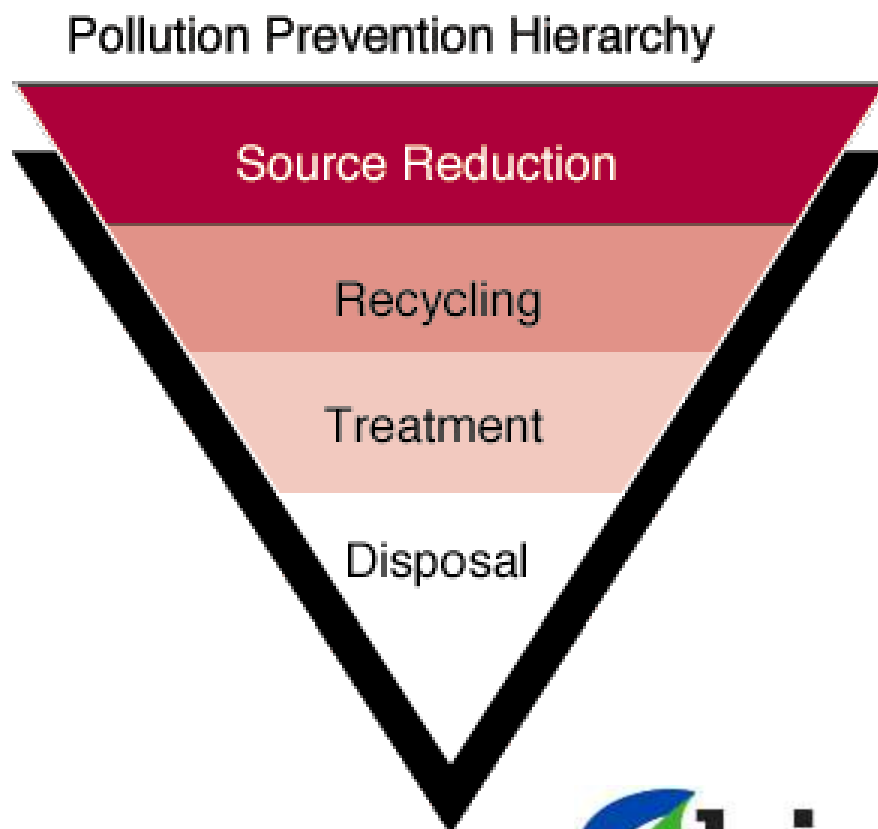
- **Or contact us directly!**

Ohio Environmental Protection Agency

OCAPP District Contacts

- **Central Ohio Contact**
  - **Brent Goetz**, (614) 644-3646
- **Northeast Ohio Contacts**
  - **Tamara Girard**, (330) 963-1282
  - **John Schmidt**, (330) 963-1250
- **Northwest Ohio Contact**
  - **Ron Nabors**, (419) 373-3147
  - **Jeremy Scoles**, (419) 373-3095
- **Southwest Ohio Contact**
  - **Amber Hicks**, (937) 285-6439
- **Southeast Ohio Contact**
  - **Ralph Witte**, (740) 380-5241

ohio
Ohio Environmental
Protection Agency

Pollution Prevention and Sustainable Materials Specialists

- **Frank Basting, (614) 644-3544**

- **Howard Dong, (614) 644-2130**

- **Dave Foulkes, (614) 644-3118**

- **Joseph Klatt, (614) 705-1147**

- **Bill Narotski, (614) 728-1264**

Pollution Prevention Hierarchy

Source Reduction

Recycling

Treatment

Disposal

hio

Ohio Environmental Protection Agency

Recycling and Litter Prevention

Recycling & Litter Prevention grant program supports communities and businesses that initiate or expand programs, facilities and operations that will strengthen recycling markets.

The funding to encourage sustainable practices, stimulate economic growth and support litter prevention efforts.

Recycling and Litter Prevention Grants

Grant	Term	Match
Community Development	1 year	50%
Litter Management	1 year	10%
Market Development	2 years	100%
Scrap Tire	2 years	100%

Ohio Environmental Protection Agency

Market Development Grant

- **Grants to Ohio businesses and non-profit organizations**

- **For creating or expanding the processing/ manufacturing infrastructure needed for markets of recyclable materials and related products**

- **Grant Term is 2 years**

- **100% match**

Market Development Grant

Chet Cheney

(614) 728-0043

Marie Barnett

(614) 705-1019

epa.state.oh.us/ocapp/grants.aspx

Recognition Program

- **Encouraging Environmental Excellence or "E3"**

- **Recognizes organizations going beyond requirements**

- **4 Levels of Recognition**
  - **Achievement**
  - **Silver**
  - **Gold**
  - **Platinum**

Encouraging Environmental Excellence

- **Silver, Gold & Platinum applications are due annually**

- **Achievement applications can be submitted at any time**

- **Can apply for more than one level at same time**

- **Online application**

    epa.ohio.gov/ohioE3.aspx

Sustainable Materials Management

- **Systemic approach to using and reusing materials more productively over their entire lifecycles**

- **Rethink use of natural resources**

- **Examine a product's entire lifecycle**
  - **Reduce environmental impacts**
  - **Conserve resources & reduce costs**
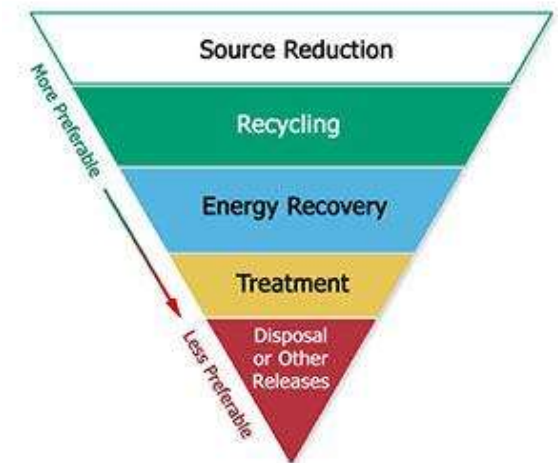
The Circular Economy

- **Materials have an impact throughout their lifecycle**
    - **Raw material**
    - **Manufacturing**
    - **Distribution**
    - **Use**
    - **End-of-Life management**

How All This Works Together

- Material Substitution
- Product redesign
- Reuse of Materials
- Modify equipment/process
- Production scheduling/Inventory Control
- Policy Changes
- Preventative/equipment maintenance
- Procedural Changes/Housekeeping Practices
- Spill and leak prevention
- Energy efficiency
- Training
- Waste Stream Segregation

Ohio Environmental Protection Agency

Assistance Examples

Recycling, recovery & reuse

Procedural Changes

Preventative/equipment maintenance

Equipment/process modification

Ohio Environmental Protection Agency

Case Study

Enginetics Corporation, Huber Heights

- Lean and 'Theory of Constraint' programs
  - Study production flow and reduce bottlenecks to improve efficiency
    - reduced workload and manufacturing time by promoting flow throughout the shop
    - 4 cases, time went from 55 to 35 days

Case Study

TimkenSteel WTP, Canton

- Alternative water treatment coagulant
  - Reduced chemical use by 90% (777,000 lbs.)
  - Reduced solids and filter cake by 2 million lbs.

Case Study

ID Images LLC, Brunswick

- Reduced solid waste by 37%

- Saved 1,836 kWh per year

- Used special shredder to convert waste into packing material

Other Resources

- **Documents & guidance materials**
- **Online training**
- **Online Ohio Materials Marketplace**
- **Promote recycling practices/market development activities**
- **P2/sustainable material research and development**
- **Compliance assistance guides**
- **Webinars**
- **Customer Support Center**

Ohio Environmental Protection Agency

Online Resources

- **Ohio Materials Marketplace** – **listing of materials wanted and available**
- **Webinars** – **Recorded monthly**
  - **Available on Ohio EPA website and YouTube**
  - **R&LP and WWTP Package Plant**
- **Permit Wizard** – **Do you need a permit?**
- **Publications** – **online and hard copy**
  - **Example:** *Zero Waste Special Event Planning Guide*

hio
Ohio Environmental
Protection Agency

Customer Support Center

Customer Support Center

- **FAQ** - database of frequently asked questions.

- **Publications** - Browse and search our library of publications.

- **Training** - Catalog of training resources.

- **Permit Wizard** - Tool to identify various EPA permit, licensing and registration requirements that may apply to your business.

- **Subscribe to Updates** - Go to this site if you would like to get on Ohio EPA's electronic mailing lists.

- **Submit a Question** - Got questions? Ask them here.

http://ohioepa.custhelp.com/app/home

Ohio Environmental Protection Agency

Office of Outreach and Customer Support

"The Resource" DEFA's newsletter

eBlasts: Information and updates from Ohio EPA

DEFA library of publications, fact sheets, guides

Improving DEFA's on-line training resources

Ohio
Ohio Environmental
Protection Agency

Wastewater Treatment Plant Compliance Assistance Unit

- Offers technical assistance to help WWTPs identify their performance limiting factors and create cost-effective solutions to bring them back into compliance.

- Are committed to helping small communities who need assistance achieving compliance with their NPDES permit requirements.

- Provides free assistance to smaller communities with WWTPs of less than 5 MGD.

Ohio Environmental Protection Agency

Wastewater Treatment Plant Compliance Assistance Unit

Services Available

- Plant performance evaluations

- Troubleshoot complex plant problems

- Innovative and cost effective solutions for improving plant performance

- Determine plant loadings and capacities.

- Investigate concerns over industrial dischargers to the system

- Help formulate and implement a preventive maintenance program.

- Help facilitate an Inflow & Infiltration evaluation of the sewer system.

- Review/evaluate new treatment technologies.

- Onsite training of personnel.

hio
Ohio Environmental
Protection Agency

Where Can I Get More Help?

Office of Compliance Assistance and Pollution Prevention

www.epa.ohio.gov/ocapp

(800) 329-7518

Ohio Environmental Protection Agency