

Ohio EPA-DEFA's Technical & Financial Resources for Communities & Businesses

**Lorain County Safety Council
January 17, 2018**

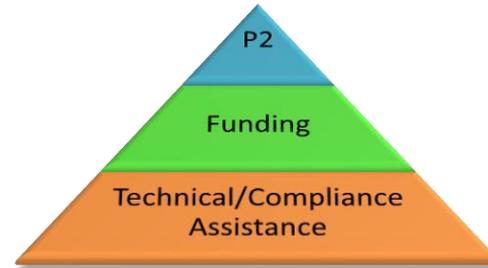
**Ohio EPA
Division of Environmental
and Financial Assistance**



Ohio Environmental Protection Agency



Helping our CUSTOMERS
get from here



to HERE



Strategic Vision

Ohio EPA Director Butler has had a long-standing vision of creating a “one-stop shop” environment within Ohio EPA for customers seeking our technical and financial resources to help them achieve compliance.

A core component of this initiative has included a reorganization to better align several of Ohio EPA’s compliance, technical and funding assistance programs under a single division.



What are our goals?

- Enhance the way in which we serve our customers.
- Improve our own internal operations through a more efficient, coordinated and strategic approach to administering resources.
- More strongly position the Agency to help even more regulated entities with a greater level of service.

New DEFA

OCAPP

Office of Compliance Assistance
and Pollution Prevention

DEFA

Division of Environmental
and Financial Assistance

The merger of our Office of Compliance
Assistance and Pollution Prevention
(OCAPP) and our Division of
Environmental and Financial Assistance
(DEFA)



DEFA has three main offices

DEFA

OCAPP

Office of Pollution Prevention and Compliance Assistance

OFA

Office of Financial Assistance

OCS

Office of Outreach and Customer Support

What is OCAPP?

- Office of **C**ompliance **A**ssistance & **P**ollution **P**revention
- Non-regulatory
(we're not inspectors!!!)
- **F**ree & **C**onfidential
- One-stop shop for assistance



What we can do for you!

- Provide regulatory technical assistance via phone/e-mail
 - Held in strict confidence and not subject to public records!!!
- Help complete and submit permit applications and reports
- Develop and help maintain on-site records
- Conduct free on-site compliance, recycling and waste reduction visits
 - Held in strict confidence and not subject to public records!!!
- Recognize your efforts through our Encouraging Environmental Excellence (E3) program

OCAPP assistance in 2017...

- **3,600 businesses via phone, email, etc.**
- **204 site visits**
- **>1,000 pieces of EPA paperwork (air permit applications, emission calculations, reports, NOI, RCRA ID#s, etc.)**
- **99 outreach events (regulatory specific and OCAPP services presentations)**

How to request confidential assistance...

- **Toll-free confidential hotline:**
(800) 329-7518
 - 8:00-5:00 Monday through Friday
 - Or contact us directly!



OCAPP District Contacts



- **Central Ohio Contact**
 - **Brent Goetz**, (614) 644-3646
 - Vacant Position
- **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
- **Supervisor**
 - **Brent Goetz**, (614) 644-3646

The Sustainability Unit

- Assistance available

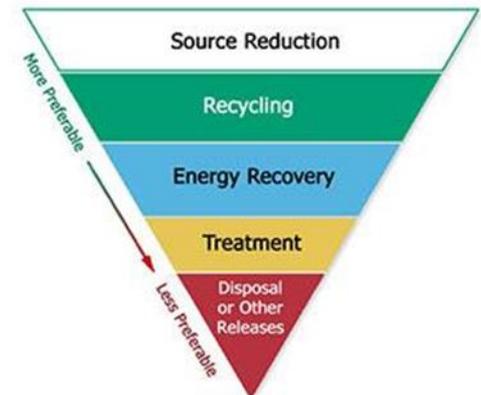


- Sustainability focused
- Pollution Prevention & P2

- P2 report

Pollution Prevention & Sustainability Assistance

- Assistance available
 - Off-site assistance
 - **Confidential** hotline
 - Research and information exchange
 - Waste exchange
 - On-site assessments
 - **Free** and **confidential** assessments
 - Sustainability focused
 - Waste minimization & P2
 - Recycling options
 - P2 report



Ohio Materials Marketplace

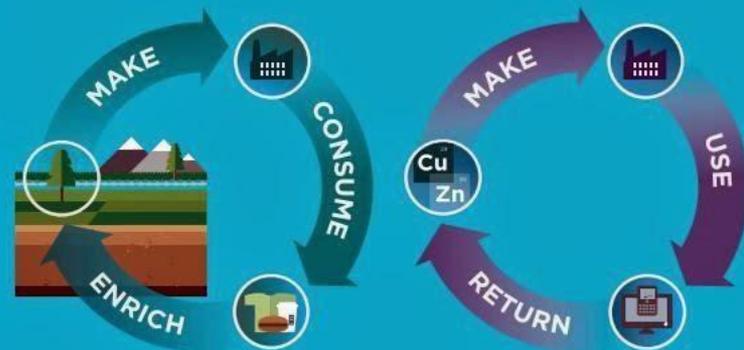
LINEAR ECONOMY



TECHNICAL & BIOLOGICAL MATERIALS MIXED UP

ENERGY FROM FINITE SOURCES

CIRCULAR ECONOMY



BIOLOGICAL MATERIALS

TECHNICAL MATERIALS

ENERGY FROM RENEWABLE SOURCES

Ohio Materials Marketplace

Material Marketplace

Homepage

Users

My Materials +

My Activities



Welcome, **John Miller**
log out

Conversation



+Invite

Send

Material



Solid Wood Table

Business Furniture

Austin, TX, 78714

Price: **\$25/ Piece**

Quantity: 120

Services



Transportation Company

Shipping

Joined



Technology company

Technical feasible check

Joined



Service Company A

Technical feasible check

Invite



Service Company A

Technical feasible check

Invite

Transportation

Estimated distance: 200 miles

Price:

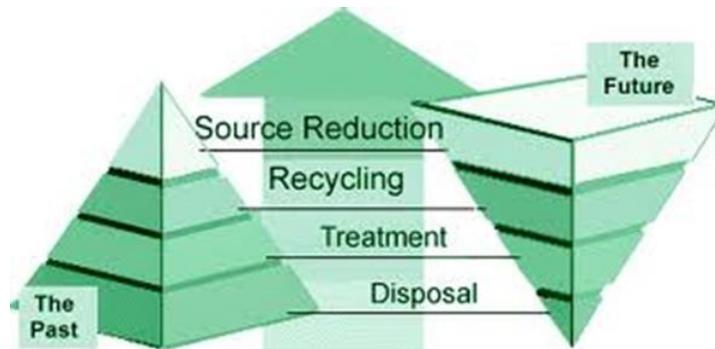
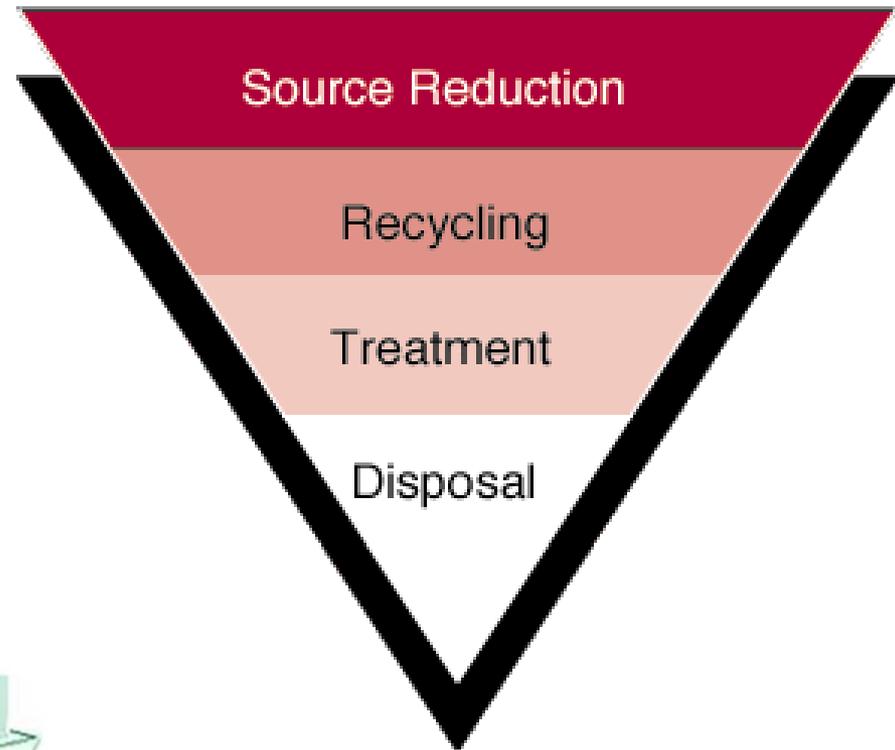
Submit

The Sustainability Unit

- **Joseph Klatt, (614) 705-1147**
- **Bill Narotski, (614) 728-1264**
- **Howard Dong, (614) 644-2130**
- **Dave Foulkes, (614) 644-3118**

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

Pollution Prevention Hierarchy



Get Recognized



ENCOURAGING
Environmental
EXCELLENCE

Encouraging Environmental Excellence (E3) Program

- Recognizes going beyond requirements
- 4 Levels of Recognition
 - Achievement
 - Silver
 - Gold
 - Platinum (New Level)
- If your community is ready to be recognized or you know of a company that would be interested, contact:
 - Mike Kelley
 - 614-644-2930 / michael.kelley@
- We will work with you



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Office of Financial Assistance

OCS

Office of Outreach and Customer Support

Office of Financial Assistance (OFA)

- Administers both state revolving loan fund programs
 - Water Pollution Control Loan Fund Water (WPCLF)
 - Water Supply Revolving Loan Account (WSRLA).
- Administers the recycling/litter prevention grant program
- Administers the wastewater treatment facility compliance assistance program

Ohio's Two State Revolving Loan Funds

Water Supply Revolving Loan Account (WSRLA)

WSRLA provides funding to public water systems for planning, design, and construction of drinking water systems.



Water Pollution Control Loan Fund (WPCLF)

WPCLF provides funding to public wastewater systems for planning, design and construction of wastewater systems.



Ohio's Two State Revolving Funds

Eligible Applicants

WPCLF	WSRLA
For wastewater treatment: any municipality or other political subdivision, or inter-municipal, interstate, or State agency	Community Water Systems Non-profit, Non-Community Public Water Systems
For Nonpoint Source Pollution Control Projects: Public or private entities.	

Ohio's Two State Revolving Loan Funds

	WPCLF	WSRLA
Authorization (year)	CWA 1987	SDWA 1996
First Loan	Sept. 1989	Feb. 1999
Total Loans	2,000 loans - \$7.0 billion	550 loans - \$1.2 billion
Federal Seed Money	\$2.05 billion	\$493 million
State Matching Funds	\$395 million	\$98 million
Annual Capacity	\$500 million/year	\$150 million/year

Water Supply Revolving Loan Account WSRLA

Eligible Projects Include:

New water treatment plants

New waterlines

Water tanks/towers

Regionalization projects

Standby/back-up power

Emergency interconnections

Water treatment plant rehab

Waterline rehab/replace

Pump/booster stations

New water meters

New well fields

Asset Management Plans

Water Pollution Control Loan Fund

WPCLF

Eligible Projects

- New wastewater treatment plants (WWTP)
- WWTP upgrades and rehabilitation
- New sanitary sewers for unsewered areas
- Sanitary sewer rehabilitation or replacement
- CSOs (New Incentives)
- Nutrient Reduction (Incentive)
- NPS Projects:
 - Stream protection and stream restoration
 - HSTS replacement programs

Water Pollution Control Loan Fund WPCLF

Other Eligible Projects

- Landfill closure
- Leachate collection systems
- Sludge handling and disposal
- Anything else with a water quality connection

WSRLA/WPCLF Interest Rates

Category	Terms
Standard	Market Rate minus 1.25%
Small Community	Market Rate minus 1.75%
Hardship	1%
Hardship	0%
Principal Forgiveness	Available during 2017

Water Supply Revolving Loan Account

WSRLA Interest Rates

Category	Terms
Standard Long-term	Market Rate minus 1.25%
Small System (<10,000 pop.)	Market Rate minus 1.75%
Disadvantaged Communities (three levels)	From 20% to 40% Principal Forgiveness; rates as low as 0%

Lower Interest Rates = **Big Savings**

Compared to market rates, savings are substantial
Example \$1 million 20-year loan (January 2018 rates)

Interest Rate	Total Repayments	Savings vs. Market
Market (3.08%)	\$1,346,867	-----
Standard (1.83%)	\$1,198,655	\$148,211
Small (1.33%)	\$1,142,191	\$204,675
Hardship (1%)	\$1,105,820	\$241,046
Hardship (0%)	\$1,000,000	\$346,867

Ohio's Two State Revolving Funds

Summary Points

- Ohio's two State Revolving Funds are:
 - Water Supply Revolving Loan Account (WSRLA) *the drinking water loan program*
 - Water Pollution Control Loan Fund (WPCLF) *the wastewater loan program*
- Funds are a major source of infrastructure financing.
- By design, the programs deliver below-market interest rates
- Limited principal forgiveness funds may be available

Recycling and Litter Prevention

R&LP grant funding:

- Strengthen recycling markets
- Encourage sustainable practices
- Stimulate economic growth
- 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%



Recycling and Litter Prevention

Community Grant

Grant term: One Year, 50% match

Offers financial assistance to local Ohio governments that propose projects involving the collection and processing of recyclable materials and litter prevention efforts.



Litter Management Grant

Grant term: One Year, 10% match

Offers funding for Ohio communities and non-profit organizations to implement litter collection and tire amnesty programs, as well as the Keep America Beautiful program.



Recycling and Litter Prevention

Market Development Grant

Grant term: Two Years, 100% match

Offers grants to Ohio businesses and non-profit organizations to create or expand the processing and manufacturing infrastructure needed for markets of recyclable materials and related products



Scrap Tire Grant

Grant term: Two Years, 100% match

Offers grant funding for Ohio businesses, communities and non-profit organizations that propose to create or expand the processing infrastructure and beneficial use projects for scrap tire materials



Recycling and Litter Prevention

Market Development Grant



PolyChem Corporation (Clyde, Ohio)

- **\$100,000 grant**
- **purchase equipment to process HDPE/PET plastic commingled bales**
- **increased production levels by 7,500 tons annually**
- **hired 6 new employees**

Recycling and Litter Prevention Market Development Grant



Phoenix Technologies (Bowling Green, Ohio)

- Received \$250,000 grant (2013)
- Purchased a flake sortation unit
- Process 10,000 tons of curbside PET plastic annually
- Added 2 new full-time positions

Wastewater Treatment Plant Compliance Assistance Unit



- Help you to identify performance limiting factors and cost-effective solutions.
- Help you to explore and consider options.
- Help you to optimize process, save energy and cost.

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.



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Office of Outreach and Customer Support (OCS)

“It is important to me that our regulated entities not only understand what resources are available, but that we make ourselves available to guide them through the process of getting help, so that we can more fully meet their needs”.

Ohio EPA Director Craig Butler

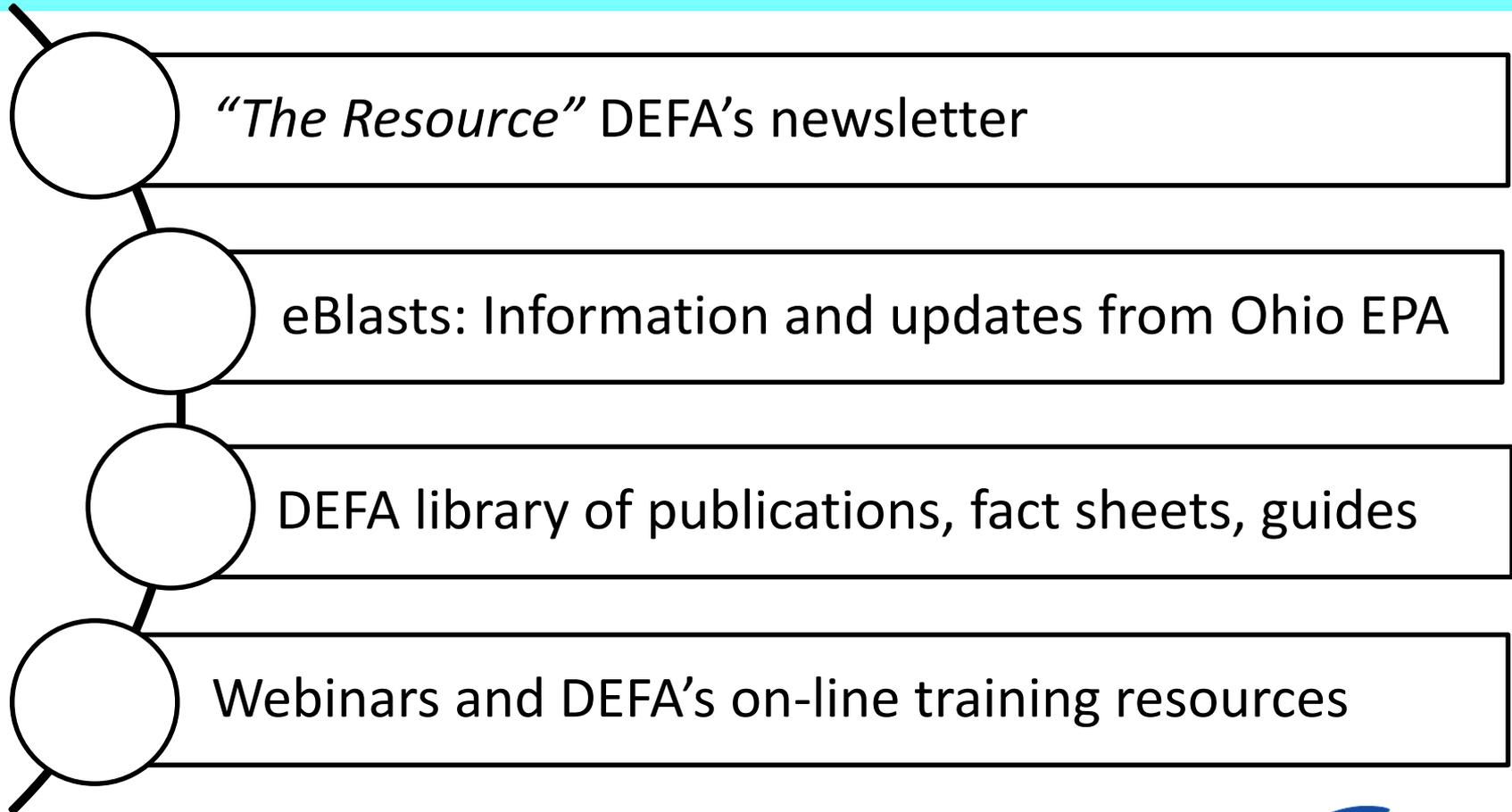


Office of Outreach and Customer Support (OCS)

We are the outreach, marketing and overall division support.

- Facilitate meetings with external customers to describe DEFA's services.
- Be the “front door” of the division to help ensure customers get connected to the right people and resources quickly.
- Attend conferences to present information.

Office of Outreach and Customer Support (OCS) Services



Anytown, Ohio



drinking water

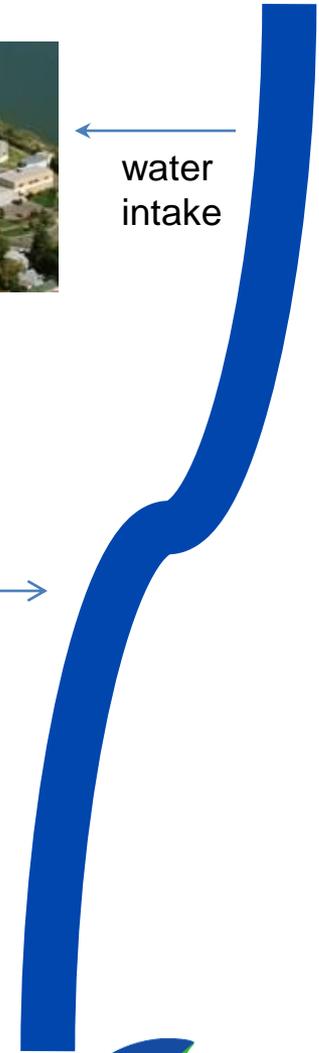
wastewater

water intake

discharge

sewage

sludges/solids



How DEFA Can Help



water intake

drinking water

wastewater



Compliance Assistance



discharge



sewage

sludges/solids



- Compliance Assistance
- Pollution Prevention
- Recycling Market Development



- Compliance Assistance
- Pollution Prevention
- Recycling/Litter Prevention



Contacts

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