

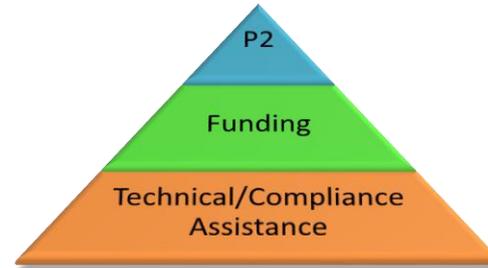
Ohio EPA-DEFA's Technical & Financial Resources for Communities

Operator Training Committee of Ohio
April 4, 2017

Ohio EPA
Division of Environmental
and Financial Assistance



Ohio Environmental Protection Agency



Helping our CUSTOMERS
get from here



to HERE  **hio**
Ohio Environmental
Protection Agency

What is DEFA About?

DEFA houses several of the Agency's core programs that support business and community development.

DEFA has three main offices:

- Office of Financial Assistance
- Office of Compliance Assistance and Pollution Prevention
- 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 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

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.	

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
 - Landfill closure
 - HSTS replacement programs



Water Pollution Control Loan Fund

WPCLF

Eligible Projects Include:

- Landfill closure
- Leachate collection systems
- Sludge handling and disposal
- Any project with a water quality connection



Emerging Funding Priorities for WPCLF

- Unsewered Communities
- Combined Sewer Overflow (CSO) Projects
- Projects that Reduce “Nutrient” Discharges at Municipal Wastewater Treatment Plants
- Projects that will protect Lake Erie and other waters that experience Harmful Algal Blooms (HABs)

WPCLF

Emerging funding priorities

- 0% planning loans for Asset Management
- 0% planning loans for Energy Audits
- Green Projects and Sustainable Solutions
- Home Sewage Treatment System (HSTS)
Upgrades

Emerging Funding Priorities for WSRLA

- Continued Focus on Small & Disadvantaged Communities
- Disadvantaged Community Regionalization
- Auxiliary Power
- Asset Management Planning
- Improvements at Surface Water Treatment Plants to address Harmful Algal Blooms

WSRLA

Emerging funding priorities

- 0% planning loans for Corrosion Control Studies
- 0% planning loans for lead line identification
- WSRLA loan funds available for implementation of infrastructure improvements recommended from corrosion control studies
- WSRLA loan funds available for lead line replacement

Ohio's Two State Revolving Funds

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 loan, 20 Year Term, April Rates

Interest Rate	Total Repayments	Savings vs. Market
Market (3.58%)	\$ 1,408,915	-----
Standard (2.33%)	\$ 1,256,741	\$ 152,174
Small (1.83%)	\$ 1,198,655	\$ 210,260
Hardship (1%)	\$ 1,105,820	\$ 303,095
Hardship (0%)	\$ 1,000,000	\$ 408,915

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*
- Programs offer very attractive below-market interest rates
- Limited principal forgiveness funds may be available
- We are interested to assist you and your community

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



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.



What is OCAPP?

- Office of **C**ompliance **A**ssistance & **P**ollution **P**revention
- Non-regulatory
(we're not inspectors!!!)
- Free & Confidential
- One-stop shop for assistance
- Pollution Prevention will save Money



How OCAPP Helps Small Businesses?

Help business start-ups or expand operations

Help businesses complete EPA forms and maintain compliance

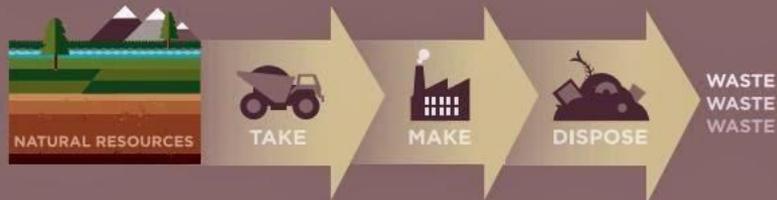
Help navigate through regulatory and permitting processes

Confidential and not subject to public records!!!



Ohio Materials Marketplace

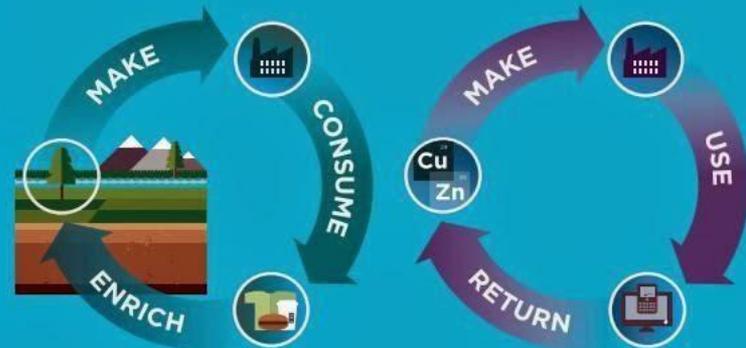
LINEAR ECONOMY



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

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



Office of Outreach and Customer Support (OCS)

A newly created office in DEFA that focuses on outreach, marketing and overall division support.

- Facilitate interactions 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.
- Provide overall division support.

Office of Outreach and Customer Support (OCS) Services

- *"The Resource"* DEFA's newsletter
- eBlasts: Information and updates from Ohio EPA
- DEFA library of publications, fact sheets, guides
- Webinars and DEFA's on-line training resources

Anytown, Ohio



drinking water

wastewater

water intake

discharge

sewage

sludges/solids

How DEFA Can Help



- Compliance Assistance
- Pollution Prevention
- Recycling Market Development



- Compliance Assistance
- Pollution Prevention
- Recycling/Litter Prevention



water intake



drinking water

wastewater



Compliance Assistance



discharge

sewage



sludges/solids



Build Your Support Team

CDBG

OPWC

OWDA

USDA

ARC

EDA

SCEIG

RCAP

OTCO

ORWA

Ohio EPA

Appalachian LDDs

Other Resources



Ten Tips for a Successful Project

1. Coordinate **Early** with OEPA and Other Resources
2. Designate a Local Contact
3. Know About the Available Resources
4. Focus on Project Details
5. Review Cost Estimates

Ten Tips (continued)

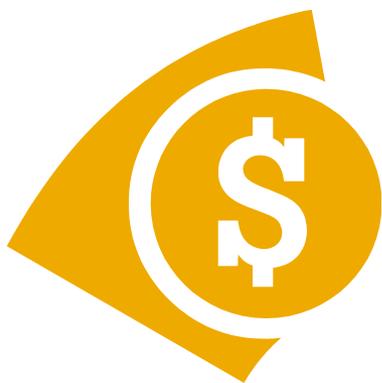
6. Relationship with C/E firm
7. Keep Public Involved
8. Maintain Project Schedule
9. Explore Options
10. Operation & Maintenance

Small Communities Environmental Infrastructure Group (SCEIG)

*Helping Small Communities meet
their Water & Wastewater
System Needs*



Finance Committee



- Coordination of Effort
 - Project description (*Download 2 page form at www.sceig.org*)
 - Status of Project
 - Number of customers
 - Total estimated costs
 - User rates
- Meets Bi-Monthly



Contacts

Pejmaan Fallah

pejmaan.fallah@epa.ohio.gov

614-644-3666

Joy Padgett

joy.padgett@epa.ohio.gov

614-644-3783

Alauddin Alauddin

alauddin.alauddin@epa.ohio.gov

614-644-3675

DEFA website - epa.ohio.gov/defa



Questions?