



"Improving the quality of life in rural communities"

Ohio Rural Community Assistance Program

Technical Assistance and Services for Small Communities

What is RCAP?



"Improving the quality of life in rural communities"

- The **Rural Community Assistance Partnership (RCAP)** is a national, non-profit organization - provides technical assistance and training on water, wastewater, & other community development issues.
- Field staff serving all 50 states and Puerto Rico
- Ohio RCAP is part of the Great Lakes RCAP region. Great Lakes RCAP is administered by the WSOS Community Action Commission, Inc., a 501(c)3 non-profit agency in Fremont, Ohio.

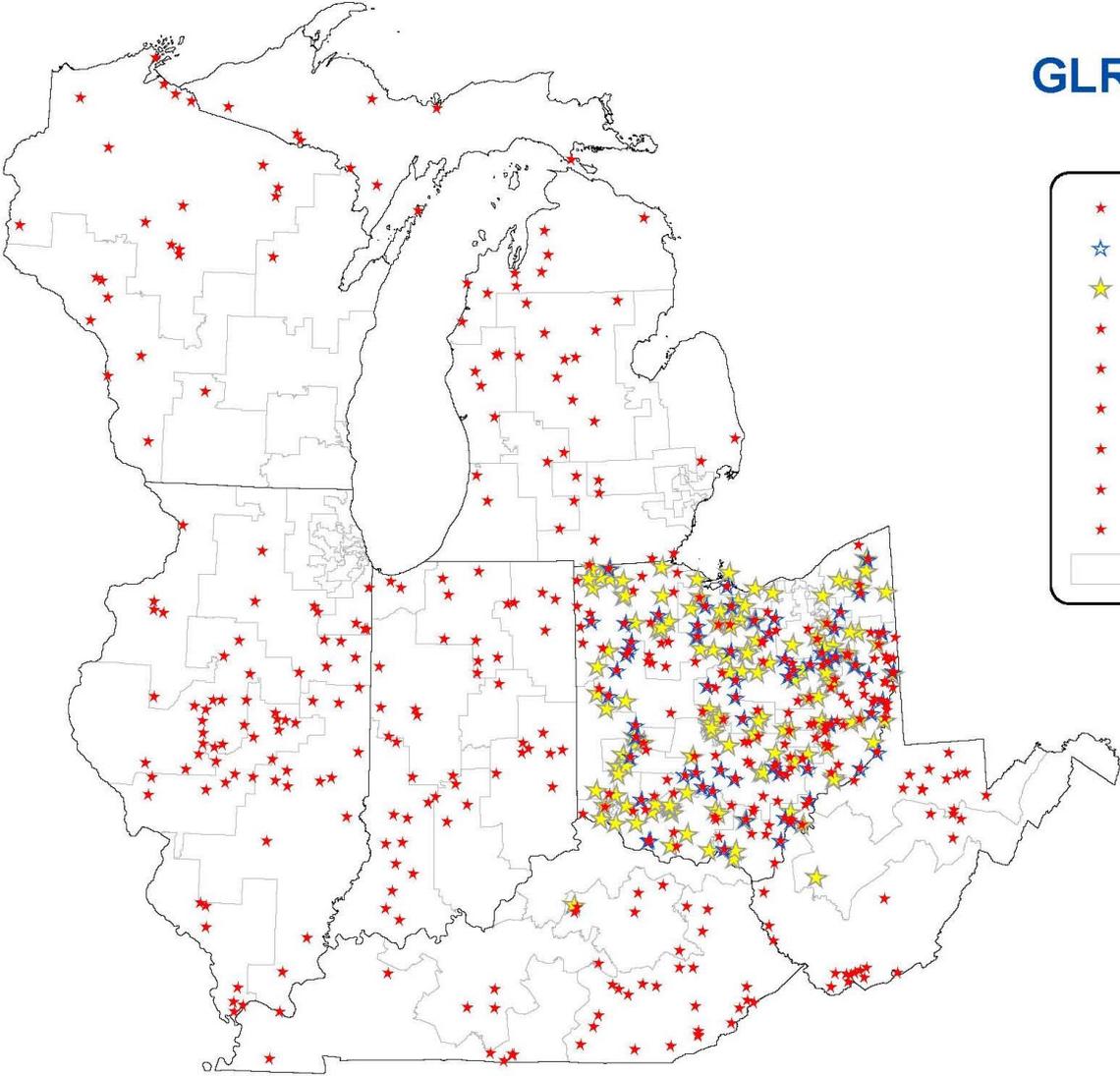


Great Lakes RCAP Projects



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GLRCAP Projects



- ★ Ohio (196)
- ★ HHS & Technitrain (64)
- ★ Board Training (152)
- ★ Illinois (70)
- ★ Kentucky (57)
- ★ Michigan (48)
- ★ Indiana (47)
- ★ West Virginia (37)
- ★ Wisconsin (25)
- Congressional Districts (76)



Traditionally, RCAP has worked with communities to build *technical, managerial, and financial capacity* to construct and operate water and sewer infrastructure. This is still a major component of our program.

In Ohio, we have expanded to offer many other community and economic development services.

Grant Funded and Low Cost Services for Rural Communities



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- Many services offered at no cost to communities.
- Enrollment based on project type, community size, median income and other factors.
- Majority of client communities receive services at no cost. Many hire us to perform additional services not covered by grants.

Ohio RCAP Services



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Water and Wastewater



Community Development



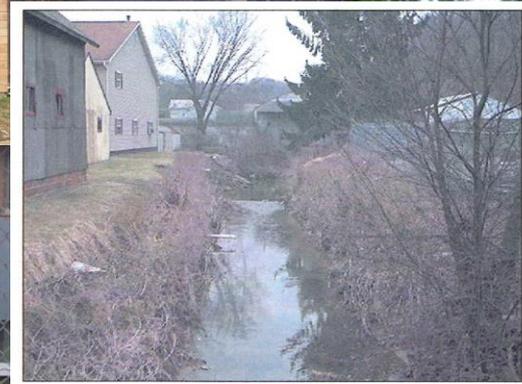
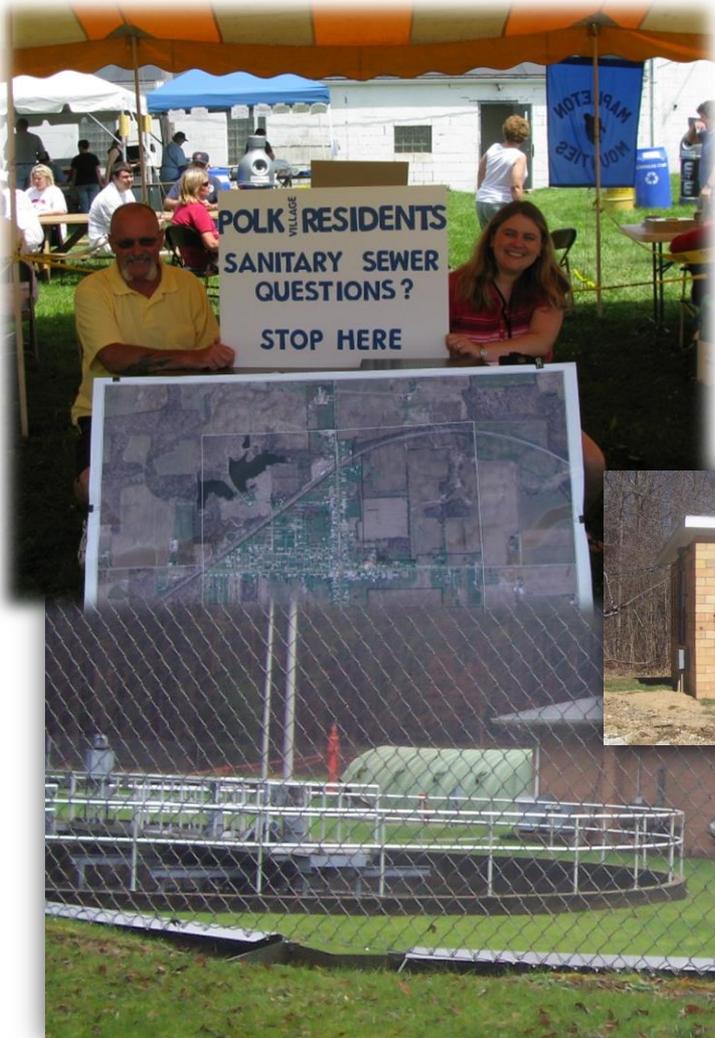
Water and Wastewater



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RCAP mission is to **"Assist rural people to improve the quality of life in their communities."**

Traditionally, our focus and funding has been assisting communities with their water and sewer infrastructure needs.



Direct Discharge to Creek
Note several conduits in foreground.



Who do we serve?

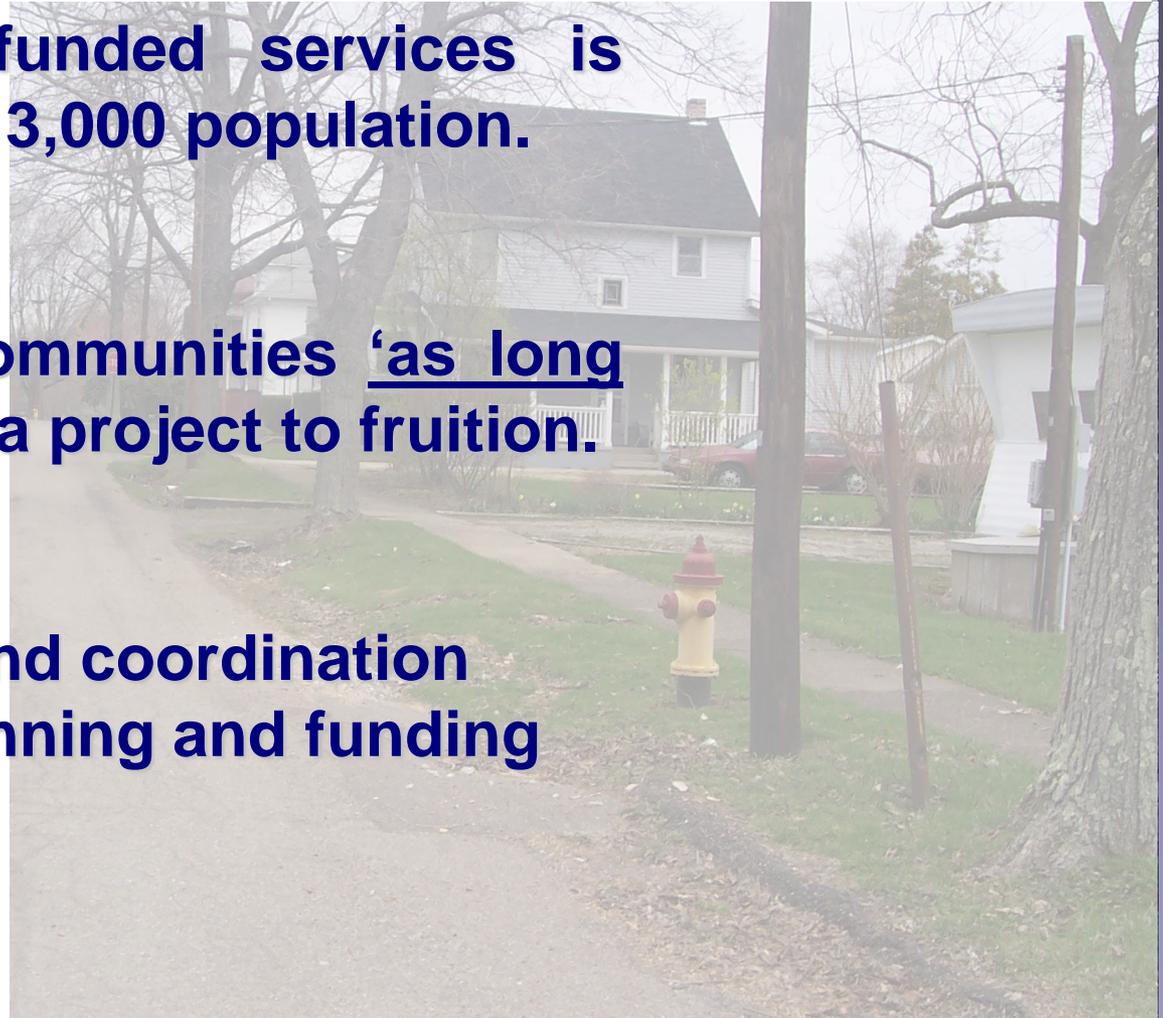


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Priority for grant-funded services is communities under 3,000 population.

Work with client communities 'as long as it takes' to bring a project to fruition.

Provide guidance and coordination through project planning and funding process.



How do we help?

- Project planning
- Engineer selection process
- Project funding
- Governing board and staff training
- Financial management
- Mediate community disputes
- Facilitate shared services agreements
- Asset management program development
- Security and emergency response planning
- Improve operational efficiencies



Funding Strategies



Life in rural communitiesSM

	FUNDING SCENARIOS							
	Project:	Smalltown, OH Sewer Project				Date:	July 1, 2010	
	Scenario	Scenario	Scenario	Scenario	Scenario	Scenario	Scenario	
	1	2	3	4	5	6	7	
CUSTOMERS (EDU)	100	100	100	100	100	100	100	
TOTAL PROJECT COST	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,040,000	\$ 1,000,000	\$ 1,010,000	
TOTAL ANNUAL OMR	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
FINANCING								
ARC Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,000	
Army Corps or STAG	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
CDBG W&S Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 300,000	
CDBG Formula Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
OPWC Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 200,000	
OPWC Credit Enh (Interest)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
USDA Grant	\$ -	\$ -	\$ -	\$ -	\$ 312,000	\$ -	\$ -	
Local Funds (Cash, Tap Fees, Etc.)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 50,000	
OWDA Market	20	4.33%	\$ 1,003,500	\$ -	\$ -	\$ -	\$ -	
OEPA WPCLF	20	0.00%	\$ -	\$ 1,003,500	\$ -	\$ -	\$ -	
OPWC Loan	30	0.00%	\$ -	\$ -	\$ 1,000,000	\$ -	\$ -	
OWDA Community Asst	30	1.50%	\$ -	\$ -	\$ -	\$ 1,003,500	\$ 360,000	
USDA Loan	40	2.50%	\$ -	\$ -	\$ -	\$ 728,000	\$ -	
Total Financing			\$ 1,003,500	\$ 1,003,500	\$ 1,000,000	\$ 1,003,500	\$ 1,040,000	
ANNUAL DEBT								
Annual Private Bank Payment	\$ 76,013	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Annual Ohio EPA Payment	\$ -	\$ 50,175	\$ -	\$ -	\$ -	\$ -	\$ -	
Annual OPWC Payment	\$ -	\$ -	\$ 33,333	\$ -	\$ -	\$ -	\$ -	
Annual OWDA Payment	\$ -	\$ -	\$ -	\$ 41,785	\$ -	\$ -	\$ 14,990	
Annual USDA Payment	\$ -	\$ -	\$ -	\$ -	\$ 29,001	\$ -	\$ -	
USDA Reserve	\$ -	\$ -	\$ -	\$ -	\$ 2,900	\$ -	\$ -	
ANNUAL DEBT & OMR	\$ 76,013	\$ 50,175	\$ 33,333	\$ 41,785	\$ 31,901	\$ -	\$ 14,990	
Total Future Av. Mo. Cost Per Customer	\$ 63.34	\$ 41.81	\$ 27.78	\$ 34.82	\$ 26.58	\$ -	\$ 12.49	
Total Private Bank Payback	\$ 1,520,260	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Total Ohio EPA Payback	\$ -	\$ 1,003,500	\$ -	\$ -	\$ -	\$ -	\$ -	
Total OPWC Payback	\$ -	\$ -	\$ 1,000,000	\$ -	\$ -	\$ -	\$ -	
Total OWDA Payback	\$ -	\$ -	\$ -	\$ 1,253,548	\$ -	\$ -	\$ 449,703	
Total USDA Payback	\$ -	\$ -	\$ -	\$ -	\$ 1,160,031	\$ -	\$ -	

*Blue font indicates formula cell.

** Loan terms and interest rates can be changed and payments/payback will change accordingly.

*** Please note that OWDA's loan fee is included where applicable. For OWDA and WPCLF loans, a 0.35% fee is charged.

The WPCLF Loan Fee for \$ 1,000,000 is \$ 3,500

Facility Development

- Coordination/facilitation among community, funders, regulators, consultants
- Write grant & loan applications for funding
- Conduct appropriate public hearing and meetings
- Administration of grants*



* Denotes service not covered under our existing funding programs for which we receive administration fees.

Facility Development



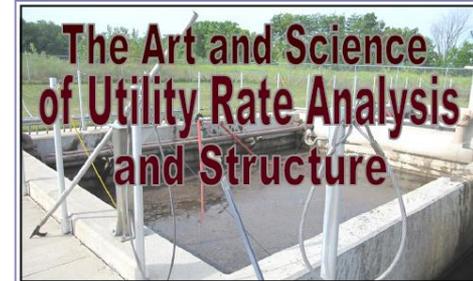
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Capacity Assurance Plan
Village of Carrollton
Public Water System
PWSID #OH 1000012

February 2012

Prepared by Ohio RCAP



- Assist in completing financial reports to funders
- Prepare Ohio EPA Capacity Assurance Plans
- Perform Utility Rate Studies *
- Assist with Asset Management Plan Development and Capital Improvement Plans *

* Denotes service usually not covered under our existing funding programs for which we charge a modest fee.

Management & Operations

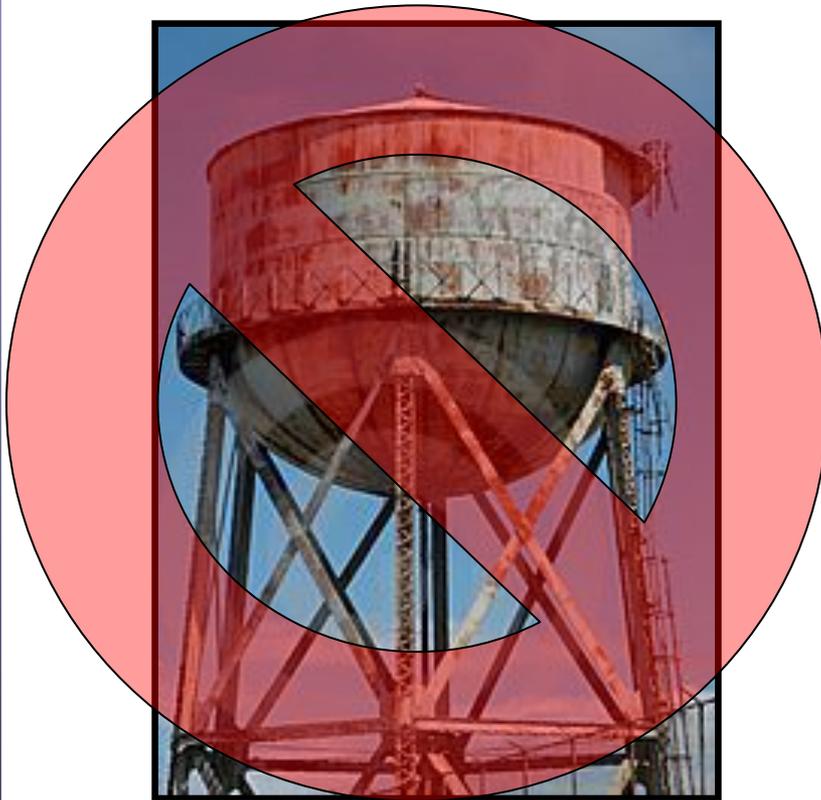


- Assist with the development and implementation of operating policies and procedures
- Clearinghouse for sample rules, ordinances and resolutions
- Help develop strategies, policies and legislation to reduce delinquent accounts
- Asset Management Plan Preparation* and CUPSS
- GPS Data Collection*
- GIS Program Development*
- Energy Audits*

**Fee-for-Service if not covered under an existing grant.*

Asset Management Plan Development

Minimize lifecycle cost through improved preventative maintenance and timely asset rehabilitation



CUPSS Check-Up Program for Small Systems Set-up | Switch Utility | Create User | Help | Exit

My Home My Inventory My O & M My Finances My Check-up My CUPSS Plan

Virginia Water Authority Asset Inventory

Print Worksheet | Example

Asset Name: Select Associated Asset:

Location: Select Associated Location: [Add]

Asset Category: Select Category: Asset Type: Select Asset Type:

Asset Status: Select Status:

Can this Asset be Repaired? Yes No

Can this asset be rehabilitated? Yes No

Condition: Select Condition Rating:

Criticality: Select Criticality Rating:

Redundancy: Select Redundancy:

Installation Date: Original Cost:

Expected Useful Life: Replacement Costs:

Routine Maintenance Cost: per/day

Optional Information [Review]

Frequency of Routine Maintenance: Daily Start Date:

Maintained According to Factory Recommendation

Model Number: Select Existing Manufacturer:

Supplier Name: Select Existing Supplier:

Address:

City, State, Zip: Select State:

Phone, Fax:

Notes:

Asset Risk Matrix

Click on an asset to see the risk information.

Medium Risk	High Risk
Low Risk	Medium Risk

Consequence of Failure

Probability of Failure

Inventoried Asset List

Source

- Well 1
- Well 2

Distribution System

- Valve 2
- Mechanical Valve

Pump

- Pump B
- Pump D

Building

- Building Facility

Training



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Council/Board Training

101 Utility Management

201 Financial Management

Available via classroom or online

Short courses

- Project Development
- Rate Setting and Asset Management

Leadership Training

The Big Guide for Small Systems:
A Resource for Board Members

Ohio
RCAP
Rural Community Assistance Partnership

**PROJECT
DEVELOPMENT**

A SHORT COURSE FOR
WATER & WASTEWATER
SYSTEM OWNERS

Sponsored by

OHIO WATER
DEVELOPMENT AUTHORITY

Training

CUPSS Check-Up Program for Small Systems Set-up | Switch Utility | Create User | Help | Exit

Fill Your CUPSS

My Home My Inventory My O & M My Finances My Check-up My CUPSS Plan

Welcome Back Joe, Asset Management for Virginia Water Authority
Welcome Back Joe. What would you like to do today?

Do Some Training

Create or Update My Schematic

Create or Update My Inventory

Print My Check-Up Reports

Enter a New Task or Work Order

Search Asset and Maintenance Data

Enter My Finances

Work on My CUPSS Plan

My Calendar
Mouse over the tasks to view information

August 2007						
S	M	T	W	T	F	S
29	30	31	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	1

My Messages and Alerts
Pop-Up Messages Are Off Click To Turn On

CUPSS Plan Ticker	50%
Tasks Past Due	7
Assets Needing Update	5
A Work Order Due	2

EPA U.S. Environmental Protection Agency

Operational Staff Training

- 301 Budgeting, Asset Management & Rate Setting
- 401 Applied Asset Management using (CUPSS)
- Locating Mains, Leaks & Lost Revenue
- Energy Audits
- Other Special Topics
- Operator recruitment & training with Jobs \$

Most courses offer CEUs/contact hrs.

National RCAP Publications



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<http://www.rcap.org/commpubs>

While you're there, check out the resource library!

Consulting Services



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Assistance for communities who do not qualify for traditional RCAP assistance or for services not covered by one of our grants

Fee-For-Service Consulting



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- **Loan and Grant Writing Services**
- **NEPA Environmental Reports**
- **CDBG Administration**
- **Energy (Operational) Audits**
- **GPS Data Collection and GIS Development**
- **Asset Management Planning**
- **Rate & Structure Analysis**
- **Community Planning**



NEPA Environmental Reports



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Over 15 years experience

Reports Prepared for:

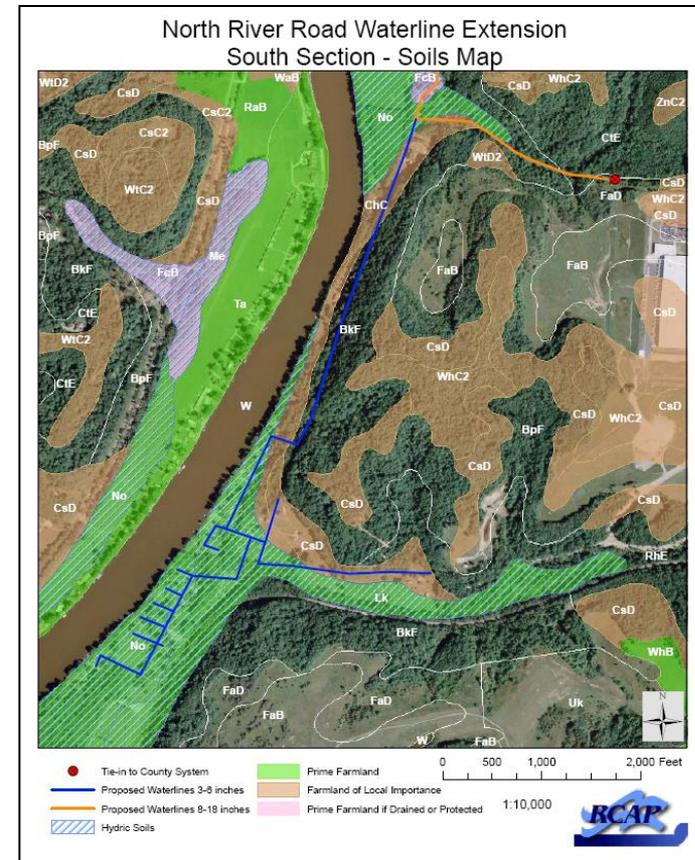
USDA

HUD/CDBG

Ohio EPA

US EPA

US Army Corps of Engineer



Fee-For-Service activity not covered under our grants.

Energy Audits to Save Money



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General Facilities & Buildings

Water Treatment Facilities

Wastewater Facilities

Ohio RCAP's licensed professional engineer is one of the leading experts in the country for small water and sewer utility energy audits.

- Analyze opportunities to conserve energy through changes, modifications, or upgrades to equipment and operations.
- End result is often significant energy and budget cost reduction opportunities.
- We have seen potential savings from 6% to 60%, with just over 25% being the average.

Utility Rate & Structure Analysis



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Evaluation of expenses and revenues

Development of budgets and projections

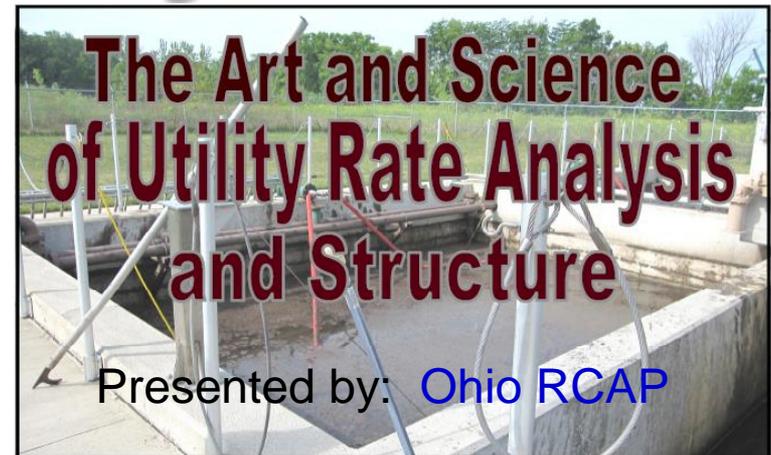
Review of fund balances and projections for reserve

Recommendations for rate change

Evaluation of rate affordability

Short course board training

**RCAP Wrote
the Book!**

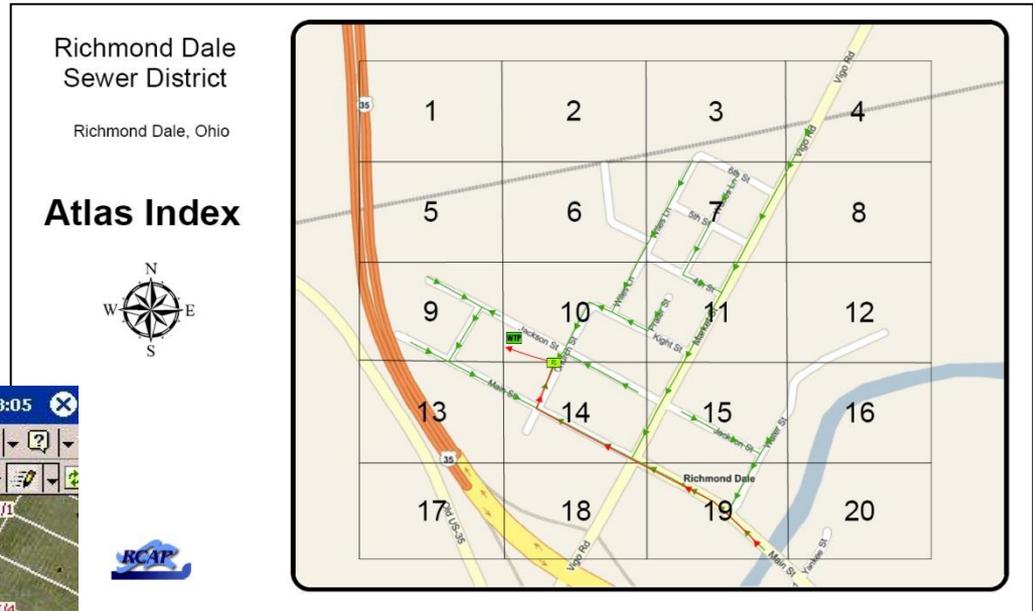


The RCAP GIS Team

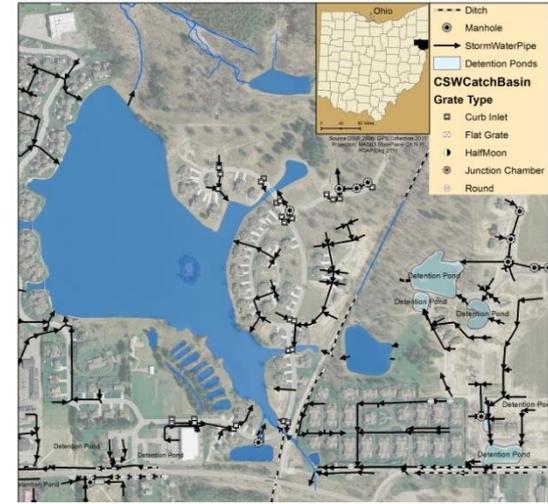
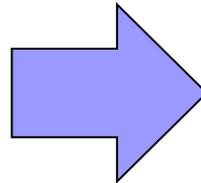


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RCAP is pleased to now offer GPS Data Collection and GIS Mapping



Cooperative GIS Service



Ohio RCAP Services



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Water and Wastewater



Community Development



CDBG Administration



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Over 50 years of combined experience:



Formula

Water and Sewer

**Economic
Development**

Downtown



Community Development



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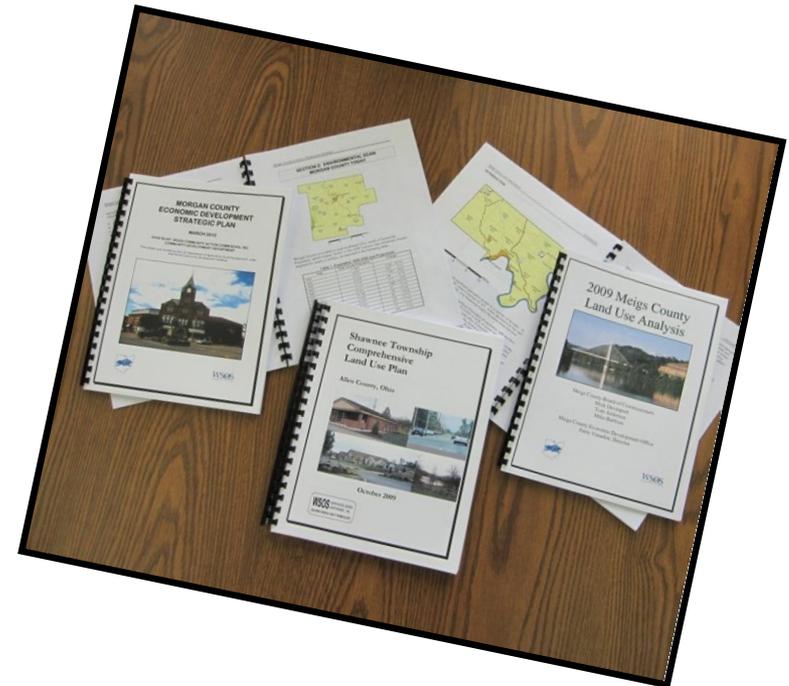
The RCAP goal is to help fill the gaps in local services with affordable, effective, results-oriented assistance and to bring to the local community the specific services or planning products and processes that are most needed.

Planning and Development Services



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RCAP staff can work with your community to develop a variety of custom planning documents or join your community development team.



Downtown Revitalization

- We deliver a far-reaching blueprint for downtown organization, promotion, economic restructuring, and design.
- We involve the stakeholders. It's your plan!
- We meet requirements for CDBG "Tier 2" funding.



Comprehensive Planning

- RCAP involves the people via community meetings, stakeholder groups, surveys...
- RCAP has written plans at the County, Municipal, and Township level.
- RCAP can partner with others to provide a local dimension to the process.



Economic Development



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- Comprehensive Economic Development Strategies for EDA funding or simply to maximize your assets
- Revolving Loan Fund administration
- Economic Development CDBG applications and administration
- Team with local development practitioners to seek and apply for resources to make projects happen

Comprehensive Community Services



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Grant and resource searches
Grant administration
Meeting facilitation
Visioning and goal setting
Leadership programs
Business financing consultation
Community needs surveys
Community attitude surveys
Rural transportation planning

Economic Gardening

- RCAP began a pilot project last year for *Economic Gardening* targeted to rural counties, small cities and villages
- Specific services to help grow 'Second Stage' Companies (appx. 10-100 employees) that are already rooted in the community
- Most potential for job creation, involves no grants or tax abatements



Coming soon to Ohio RCAP – stay tuned!



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HOMETOWN COMPETITIVENESS®

A Come-Back/Give-Back Approach to Rural Community Building

- Based on 4 pillars of community development:
 - Energizing entrepreneurs
 - Engaging and retaining youth
 - Developing and mobilizing leaders
 - Increasing community philanthropy

SAVE THE DATE

Small Towns **BIG** Futures



August 13 & 14, 2014
Columbus, OH

Contact Us



"Improving the quality of life in rural communities"

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Questions



Check out Ohio's toolkit - www.ohiorcap.org

