



"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 incorporated in 1972 that provides technical assistance 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.

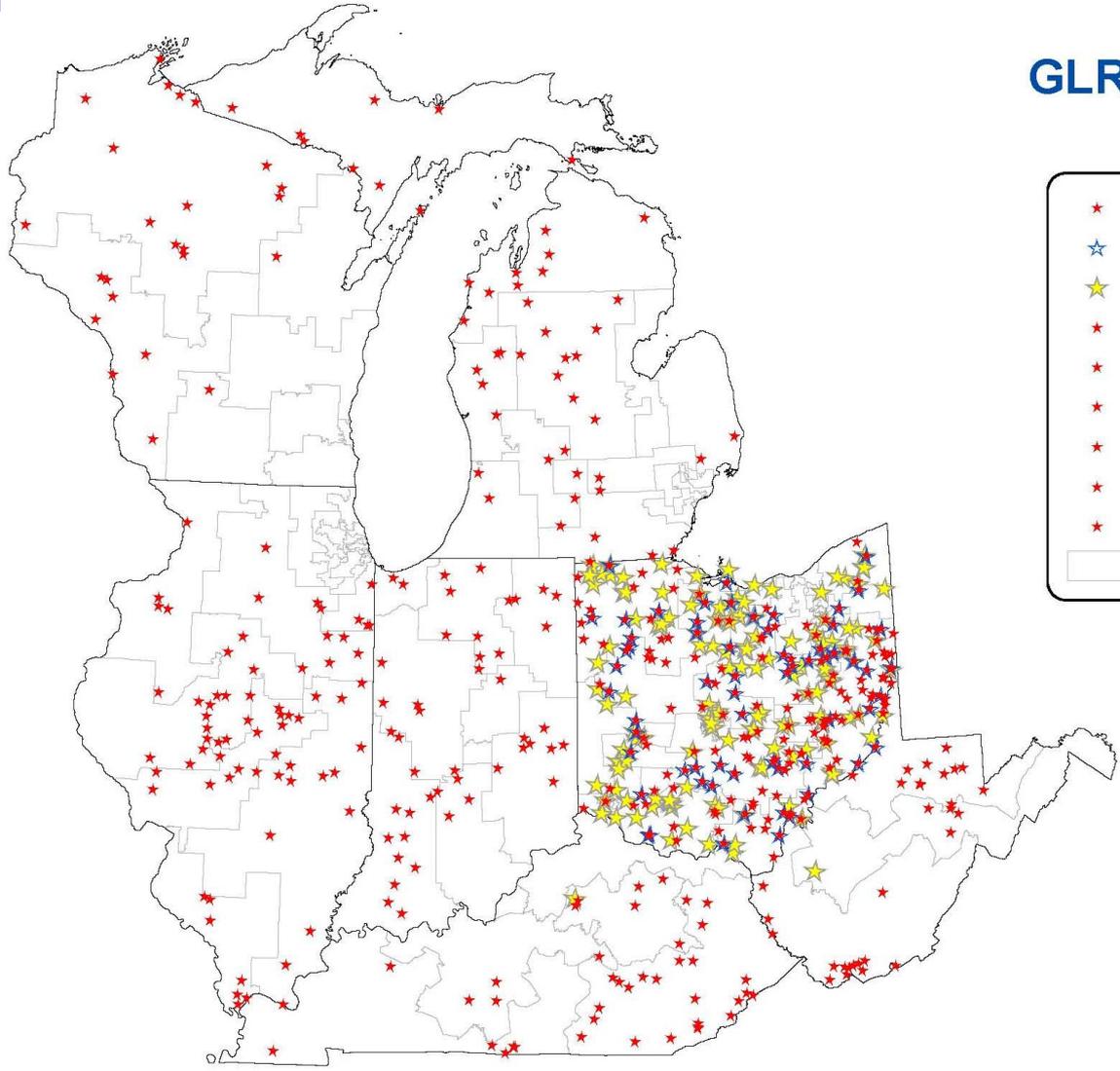


Great Lakes RCAP Projects



"Improving the quality of life in rural communities"

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



"Improving the quality of life in rural communities"



- Many services offered at no cost to communities.
- Enrollment for grant-funded services 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

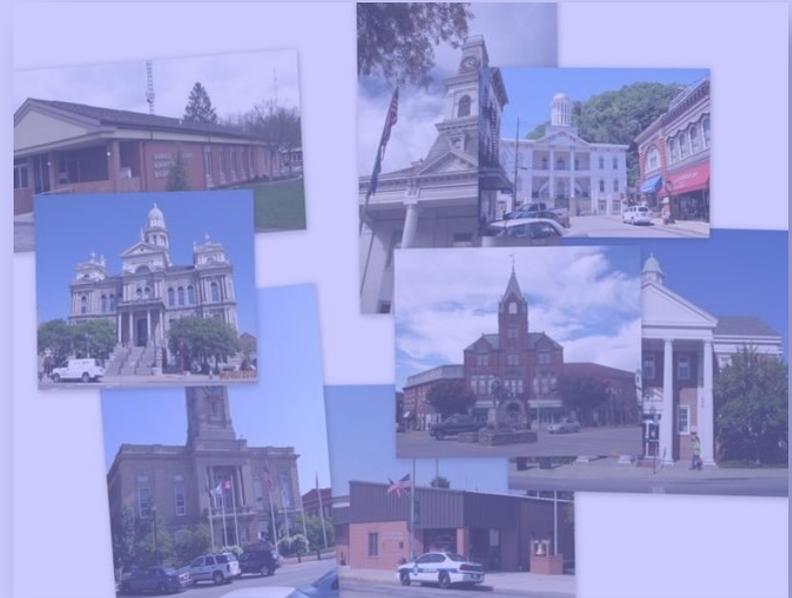


"Improving the quality of life in rural communities"

Water and Wastewater



Community Development



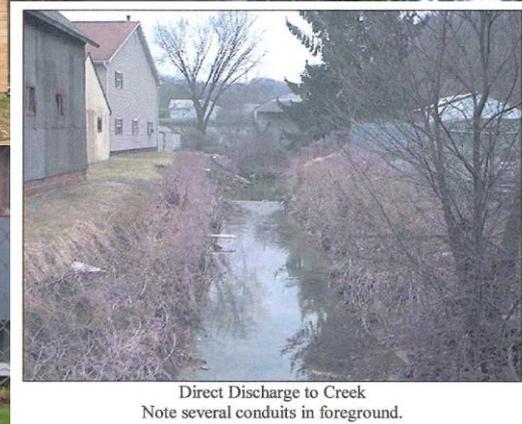
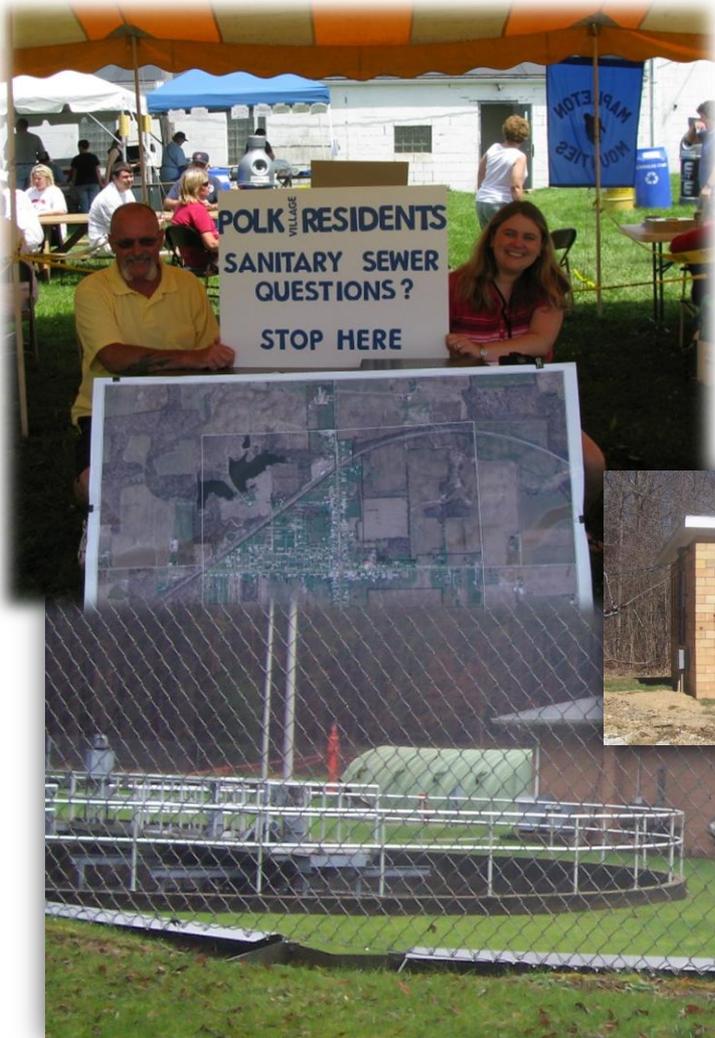
Water and Wastewater



"Improving the quality of life in rural communities"

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.

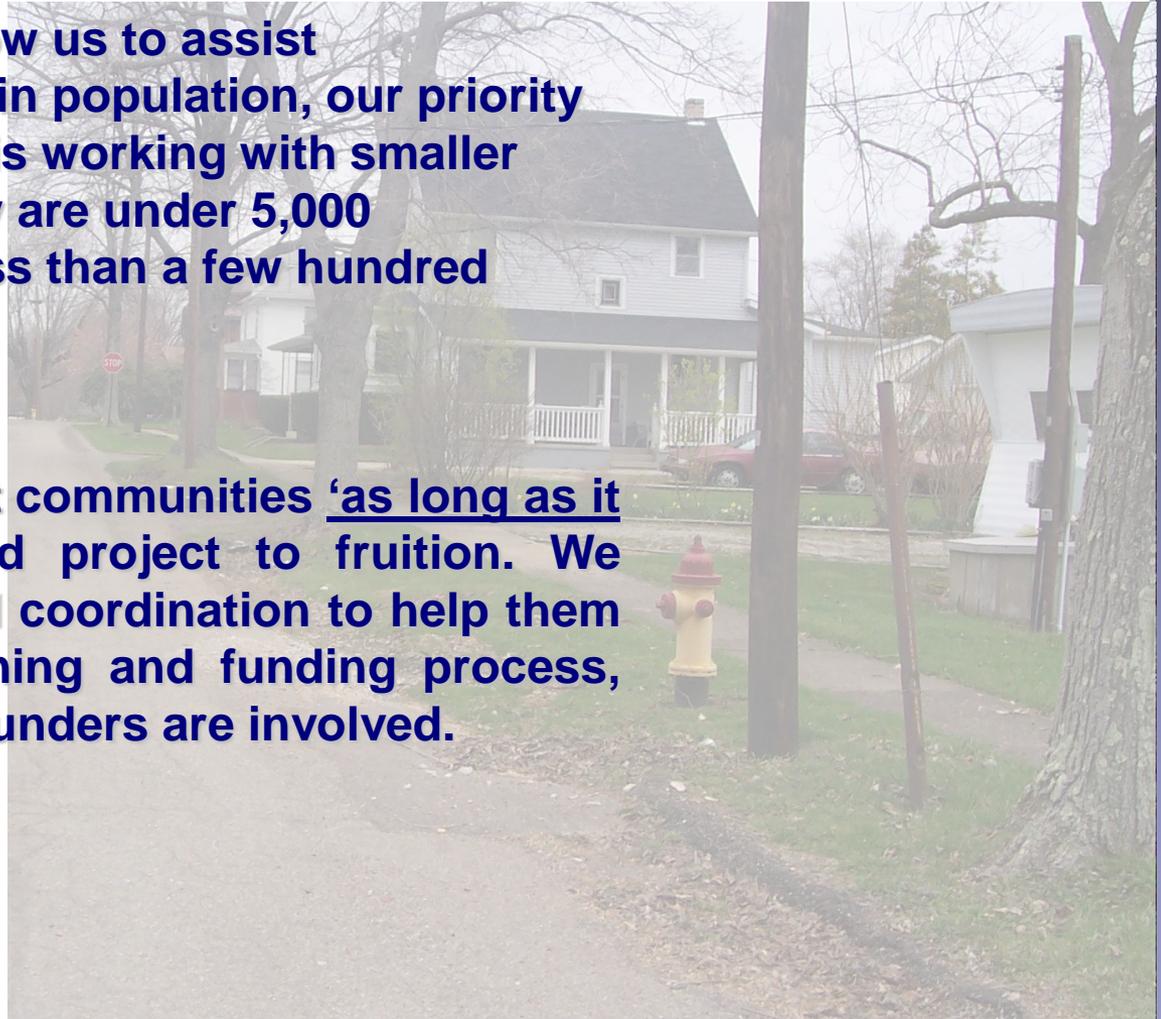
Who do we serve?



"Improving the quality of life in rural communities"

Although some grants allow us to assist communities up to 10,000 in population, our priority for grant-funded services is working with smaller communities. The majority are under 5,000 population. Many have less than a few hundred customers.

RCAP works with its client communities 'as long as it takes' to bring a needed project to fruition. We provide the guidance and coordination to help them through the project planning and funding process, especially when multiple funders are involved.



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*
 - CDBG
 - ARC
 - OPWC
 - USDA RD



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

Facility Development



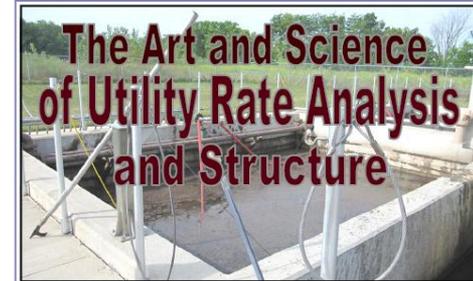
"Improving the quality of life in rural communities"



Capacity Assurance Plan
Village of Carrollton
Public Water System
PWSID #OH 100012

February 2012

Prepared by Ohio RCAP



- Assist in completing financial reports to funding agencies
- 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

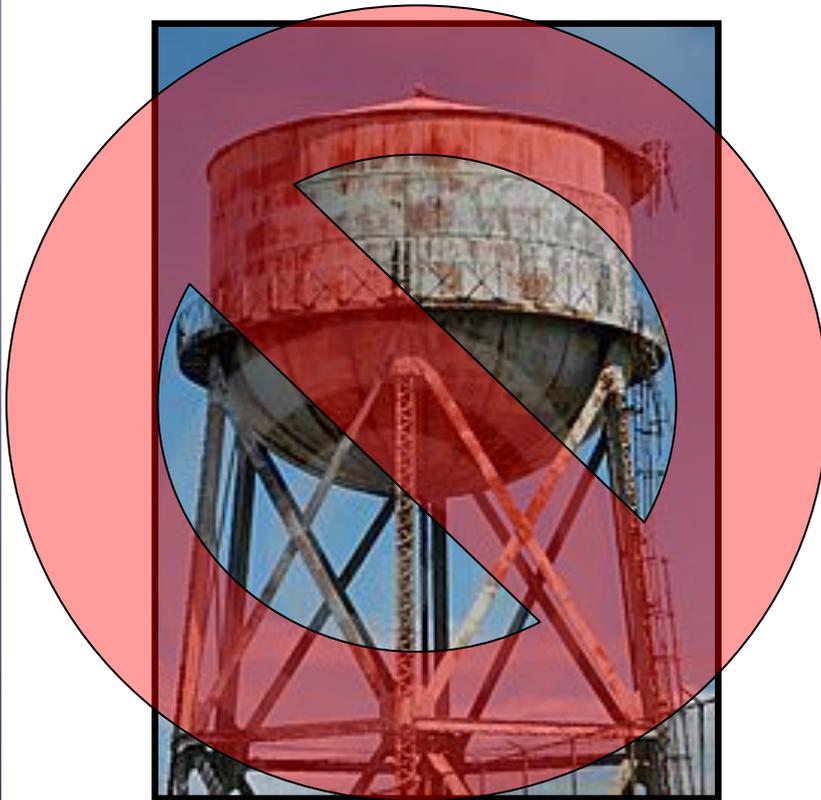


- Assist with the development and implementation of operating policies and procedures
- Clearinghouse for sample rules, ordinances and resolutions
- Help develop strategies, policies and legislation to reduce delinquent accounts
- Asset Management Plan Preparation* and CUPSS
- GPS Data Collection*
-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

Manufacturer: 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
- Well 1
- Well 2

Distribution System

- Valve
- Valve 2
- Mechanical Valve

Pump

- Pump B
- Pump D

Building

- Building Facility

Training



"Improving the quality of life in rural communities"

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

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

Enter a New Task or Work Order

Create or Update My Schematic

Search Asset and Maintenance Data

Create or Update My Inventory

Enter My Finances

Print My Check-Up Reports

Work on My CUPSS Plan

EPA U.S. Environmental Protection Agency

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

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



"Improving the quality of life in rural communities"



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

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

Consulting Services



"Improving the quality of life in rural communities"



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



"Improving the quality of life in rural communities"

- **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



"Improving the quality of life in rural communities"

Over 15 years experience

Reports Prepared for:

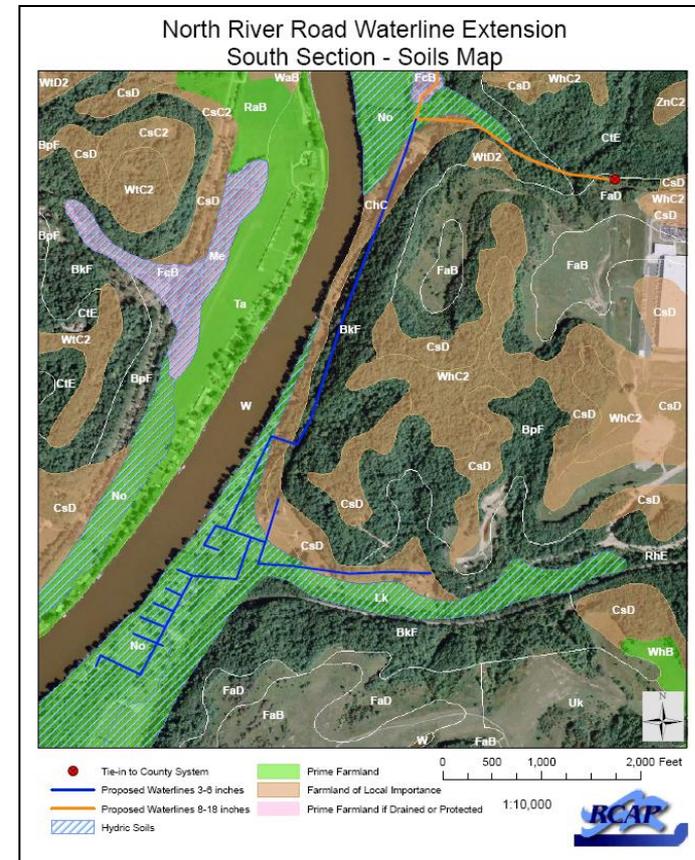
USDA

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



"Improving the quality of life in rural communities"



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.

Ohio RCAP analyzes the opportunities to conserve energy through changes, modifications, or upgrades to both equipment and operations.

The end result is often significant energy and budget cost reduction opportunities. Every facility is different, and RCAP has seen potential savings ranging from 6% to 60%, with just over 25% being the average.

Utility Rate & Structure Analysis



"Improving the quality of life in rural communities"

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!**

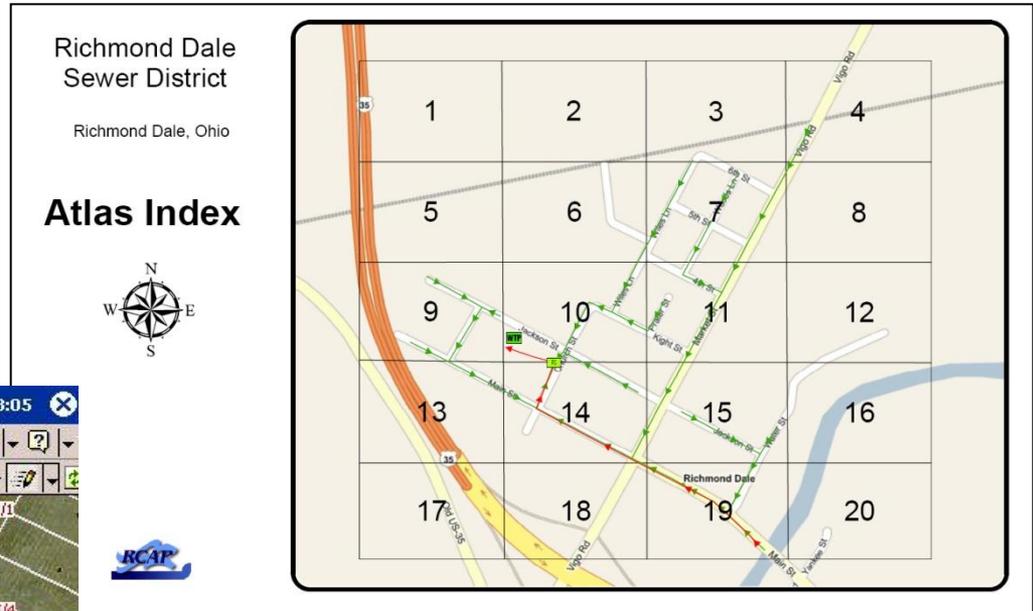


The RCAP GIS Team

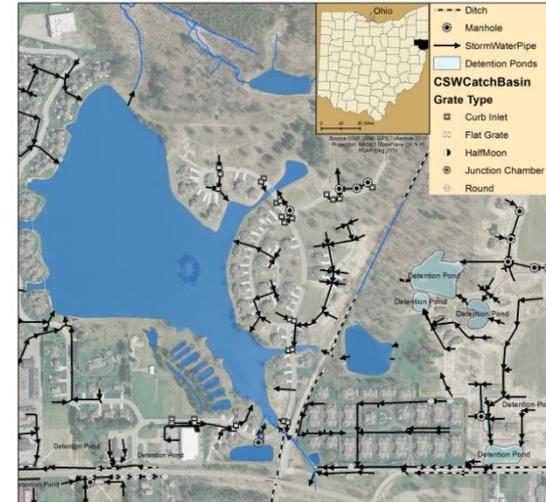
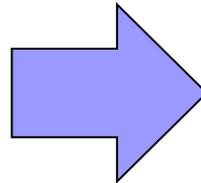


"Improving the quality of life in rural communities"

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



Cooperative GIS Service



Ohio RCAP Services



"Improving the quality of life in rural communities"

Water and Wastewater



Community Development



CDBG Administration



"Improving the quality of life in rural communities"

Over 50 years of combined experience:



Formula

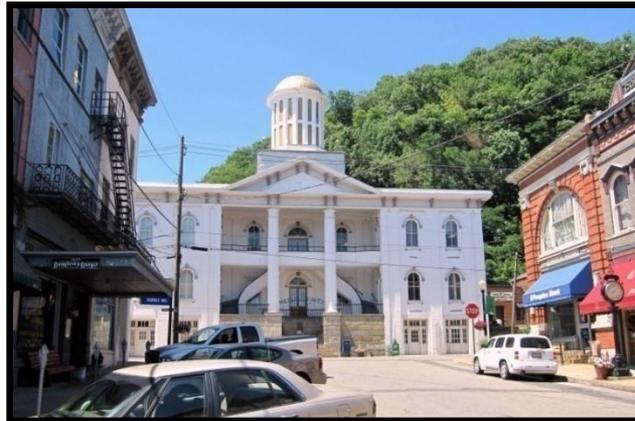
Water and Sewer

**Economic
Development**

Downtown



Community Development



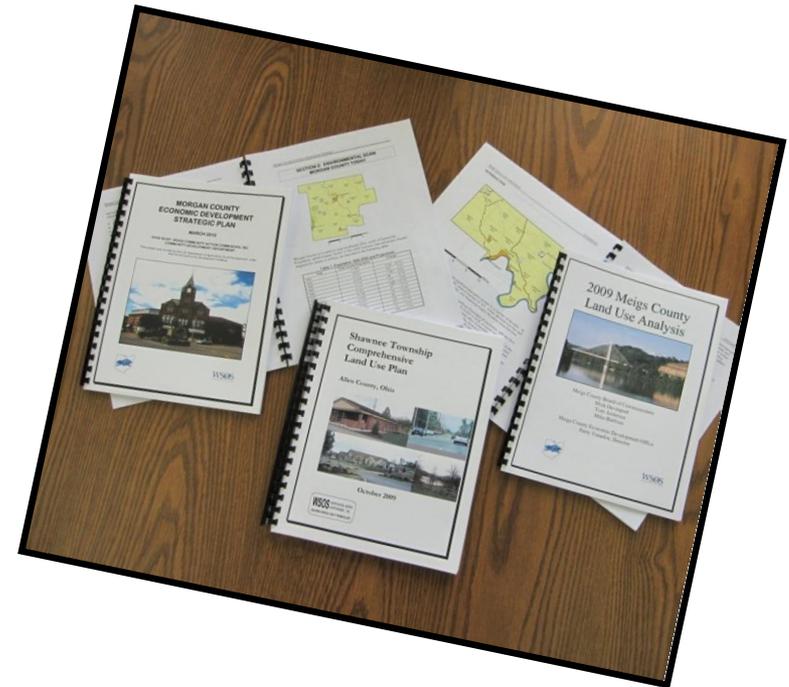
The RCAP goal is to help fill the gaps in local services with affordable, effective, results-oriented assistance and to bring to the local community the specific services or planning products and processes that are most needed.

Planning and Development Services



"Improving the quality of life in rural communities"

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



"Improving the quality of life in rural communities"



- Comprehensive Economic Development Strategies for EDA funding
- 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



"Improving the quality of life in rural communities"



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 this year to begin an *Economic Gardening Program* 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



SAVE THE DATE

Small Towns **BIG** Futures



August 12 & 13, 2014
Columbus, OH

Contact Us



"Improving the quality of life in rural communities"

Deb Martin
Regional RCAP Director
419-334-5117
dcmartin@wsos.org

John Rauch
Ohio State Director
740-989-0596
jbrauch@wsos.org

Questions



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

