

WATER ADVISORY

Volume 10 Issue 1

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2007 Consumer Confidence Edition

4/01/08

From the Manager's Desk.....

ACRWD continues to apply for grant monies to install water projects in the county. We have been fortunate some years to receive grants, but it seems they have become harder to get as more and more entities are applying for money. With aging infrastructure the projects have become more prevalent and in a wide array. Projects vary from roads, sidewalks, parks, sewage, medical, schools, water, and the list goes on.

We received a grant for the Coffee Hollow Project and that project is installed and in service. We added approximately thirty customers in that area as well as serving three commercial establishments, helping to create or retain jobs in this area.

We are now working on grants and low interest loans for the north central part of the county

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WATER: Our most precious natural resource!



Coffee Hollow Project!

in Scott, Meigs, and Bratton Townships.

This will be a much needed supply of potable water in this area. This project is known as the Lawshe/Louisville Road Project. We are preparing maps for the area at this writing and hope that we will have more information soon.

We have tried to gain support in the area through commitments of people desiring to tap into this project. We have done better than ever before, but we still desire to make this a paying proposition without putting a hardship on the rest of the customers we have now.

I will again reiterate that, as manager, it is my desire that there be a water line along every road in the District and that everyone has the opportunity to have a safe, potable source of drinking water. With the escalating prices of everything it makes it that much harder for my desires to be obtained.

**Rick Adamson
Manager**

New Billing Software....

ACRWD will be installing new billing software sometime in 2008. This new software will give us several new capabilities should they be cost effective. One of the new capabilities will be the ability to accept credit and debit cards in the office, as well as via the internet in the future. It will also give us the capability to keep all records pertaining to each account in an electronic version attached to the account. The present system has been in use since 1986. We feel it is time to upgrade.

Security Measures....

Seems like everywhere you go, you see cameras mounted. These cameras, if you listen to the news, are great aids in catching people who are doing things that they are not supposed to be doing.

In an effort to protect our employees and our water supply, we constantly work on our security systems. We now have cameras installed at our water treatment plant, well field, maintenance building, storage buildings, and the business office building. We have also been installing cameras at our storage tank sites. We feel that you can never have too much security. We will endeavor to keep our system and your water supply as safe as we can while using the latest technologies.



Call Before You Dig.....

We like to remind people that ACRWD is a member of Ohio Utility Protection Service (OUPS). This service is provided so property owners or contractors doing projects will have the opportunity to have utility lines marked in the excavation area. Before you dig, you should call OUPS at 800-362-2764. Please have your street address, township, and nearest intersecting road information ready for the operator. ACRWD will mark our lines only after we receive a ticket from OUPS. This is law as specified in Ohio Revised Code, Section 3781.25 to 3781.32 and we may charge for damages occurred when a spot notification has not been received.

This service has been designed for your protection as well as the utilities it serves. There could be a gas line or even an electric line where you may be digging. The life you save may be your own.

BE SAFE AND CALL BEFORE YOU DIG!

Key Ohio!
Call Before You Dig



1-800-362-2764
www.oups.org

About Your Drinking Water:

The EPA requires regular sampling to ensure drinking water safety. The Adams County Regional Water District conducted sampling for bacteria, nitrate, nitrite, and THM contaminants during 2006-2007; synthetic organic chemicals in 2005; MCL in-organics, radiological, volatile organic, and lead and copper in 2005. Samples were collected for a total of 165 different regulated contaminants in 2002 -2007. We also tested for 20 different unregulated contaminants during the same years. Most of these contaminants were not detected in the Adams County Regional Water District's water supply. The Ohio EPA requires us to monitor for some contaminants less than once per year because the concentrations of these contaminants do not change frequently. Some of our data, though accurate, is more than one year old.

Water Treatment Plant (24/7)
937-549-2339 or 800-252-3454
Business Office (M-F- 8:30-4:30)
937-544-2396 or 800-288-0039

Who's New at ACRWD!



John Rogers



Dusty Dryden

The Board of Trustees and employees of ACRWD would like to welcome two new employees to the staff. John and Dusty are working with the distribution crew.

Did You Know!!!

1. According to US Code, Title 42, Section 3004-1, it is a federal offense to tamper with any equipment or property owned by ACRWD used in the distribution of potable water.
2. A leak approximately 1/4" in diameter at 60 PSI can leak about 13,000 gallons in a 24- hour period.

Where Does My Water Come From?

ACRWD receives its water from eight wells that are drilled into the Ohio River Aquifer. These wells are approximately 75 feet deep. Ohio EPA considers this source to be ground water. The well field is situated on the south side of US 52 and just west of the Wrightsville area. From these wells ACRWD pumped 764,630,000 gallons of water in 2007. This is an average of 81 gallons per day per person served.

How Do I Participate in Decisions Concerning My Drinking Water?

Public participation and comments are encouraged at regular meetings of the **Board of Trustees**, which meets the second Thursday of each month @ 7:30 pm. Meetings are held at the main office located at 9203 SR 136, West Union, Ohio. For more information call the business office @ 800-288-0039 or 544-2396 between the hours of 8:30 am and 4:30 pm, Monday thru Friday.

Who Needs To Take Special Precautions?

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infection. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other microbiological contaminants are available from the Safe Drinking Water Hotline. Please call (1-800-426-4791).

Definitions Of Some Terms Contained Within This Report

Maximum Contaminant Level Goal

(MCLG):

The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLG's allow for a margin of safety.

Maximum Contaminant Level (MCL)

The highest level of contaminant that is allowed in drinking water. MCL's are set as close to MCLG's as feasible using the best available treatment technology.

Parts Per Million (ppm) or Milligrams Per

Liter (mg/L) are units of measure for concentration of a contaminant. A part per million corresponds to one second in a little over 11.5 days.

Parts Per Billion (ppb) or Micrograms Per

Liter (ug/L) are units of measure for a concentration of a contaminant. A part per billion corresponds to one second in 31.7 years.

Action Level (AL): The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

The symbol < as used in this report stands for less than.

BDL: Below Detection Level

For More Information about your drinking water contact Dave Henderson or Larry Bennington at (937) 549-2339 or (800) 252-3454. You can also contact us via e-mail at: acwtp@hughes.net



Contaminants: Listed below is information on those contaminants that were tested for in the ACRWD's water.

Contaminants (Units)	MCGL	MCL	Level Found	Range of Detections	Sample Year	Violation	Typical Source of Contaminants
Inorganic Contaminants							
Nitrate (mg/L)	10	10	.31	n/a	2007	No	Run Off From Fertilizer Use & Erosion of Natural Deposits
Fluoride (mg/L)	4	4	1.10	.90- 1.10	2007	No	Added To Water As An Aid To Dental Hygiene
Chlorine (mg/L)	4	4	1.36	.54-1.36	2007	No	Water Additive to Control Microbes
Nitrite (mg/L)	n/a	1	.31	n/a	2007	No	Run Off From Fertilizer Use & Erosion of Natural Deposits
Lead (ug/L)	n/a	AL= 15	BDL	BDL	2005	No	Corrosion of Household Plumbing Systems
Copper (ug/L)	n/a	AL= 1300	688	6.9- 887.0	2005	No	Corrosion of Household Plumbing Systems

In 2005 there were 30 lead and copper samples taken in ACRWD's distribution system. Of those 30 samples, no samples were found to be above the action levels.

Volatile Organic Chemicals							
TTHM's (ug/L)	0	80	23.13	n/a	2007	No	By Product of Drinking Water Chlorination
HAA5 (ug/L)	60	60	9.09	n/a	2007	No	By Product of Drinking Water Chlorination

Violations: ACRWD did not have any violations in 2007.

Below is a list of contaminants tested for but were not found or were below detection level in ACRWD's water.

Microbiological							
In 2007, ACRWD tested 180 system samples, which the Ohio EPA requires, for coliform bacteria and E-coli. We also tested 97 special samples which consist of boil advisories and/or new line construction. We also tested 144 samples for the local villages. All samples tested negative for the above specified bacteria.					2007	No	Naturally Present in The Environment
Inorganic Contaminants							
Asbestos (mf/L)	n/a	7	< .2 mf/L	n/a	2004	No	Use of Asbestos/ Cement Distribution Piping

WHAT ARE THE SOURCES OF CONTAMINATION TO YOUR DRINKING WATER?

The sources of drinking water, both tap and bottled water, include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally-occurring minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or human activity.

Contaminants that may be present in source water include: (A) Microbial contaminants, such as viruses and bacteria, which may come from sewage water treatment plants, septic systems, agricultural livestock operations, and wildlife; (B) Inorganic contaminants, such as salts and metals, which can be naturally-occurring or result from urban storm water runoff, industrial or domestic wastewater discharges, oil and gas production, mining, or farming; (C) Pesticides and herbicides, which may come from a variety of sources such as agriculture, urban storm water runoff, and residential uses; (D) Organic chemical contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations, urban storm water runoff, and septic systems; (E) Radioactive contaminants, which can be naturally-occurring or be the result of oil and gas production and mining activities.

In order to ensure that tap water is safe to drink, EPA prescribes regulations which limit the amount of certain contaminants in water provided by public water systems. FDA regulations establish limits for contaminants in bottled water, which must provide the same protection for public health. Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline at 1-800-426-4791.

Adams County Regional Water District
9203 SR 136
P.O. Box 427
West Union, Ohio 45693-0427

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Improvements..... In 2007 we painted the Clayton Tank, installed Coffee Hollow Water Line Extension, and upgraded the water line from Clayton Pike to Ginger Ridge Road via Roush Hill Road and SR 41. We tried to find funding for the Lawshe/Louisville Road project again this year. We installed a new phone system in the business office, installed two metal buildings at two of our tank sites, installed the generator at Cherry Fork Booster, installed a camera system at the office complex, and fenced the Cherry Fork Booster Station. We installed a grant-funded line extension on Ernie Road and customer funded line extensions on Fetters Road and Conley Road.

We will try to find funding for the Lawshe/Louisville Road project again this year. We also intend to upgrade a line on Moores Road from SR 247 to the Seaman Corporation limits to better serve the new hospital as well as the new North Adams Elementary School. This line will also provide a better volume of water to the new dialysis center. We are considering improving our billing system which will allow on-line payments as well as credit/debit card payments in the future. We also have some restoration to do on projects from last year. We will install a project on Rosie Lane this year, and we plan to upgrade a portion of Unity Road north of Wheat Ridge Road. We will be painting the Winchester Tank on Eckmansville Road and the red water tank at the water treatment plant.

Source Water Area Protection (SWAP)

Ohio EPA has recently completed a study of Adams County Regional Water's source of drinking water to identify potential contaminant sources and provide guidance on protecting the drinking water source. According to this study, the aquifer (water rich zone) that supplies water to Adams County Regional Water has a high susceptibility to contamination. This determination is based on the following:

- Lack of a protective layer of clay overlying the aquifer.
- Shallow depth of the aquifer.
- Presence of significant potential contaminant sources in the area

This susceptibility means that under current existing conditions, the likelihood of the aquifer becoming contaminated is relatively high. This likelihood can be minimized by implementing appropriate protective measures.

Some measures that can be utilized are as follows:

- Check your septic system and make sure it is always working properly.
- Dispose of all oil and petroleum products the proper way.
- Keep all junk piles cleaned up as runoff from these can contaminate the source water.
- Maintain vehicles so leaks will not contaminate the source water.
- Report to the Water District anything that looks questionable.

ACRWD has been able to acquire the property adjacent to the plant and well field as Mr. Malcolm Cox is retiring. This property contains approximately 130 acres and will help to keep contamination from future septic systems and other contaminants away from the well field. It is our job to assure that clean drinking water will be available for many generations to come. We feel that this acquisition will help this assurance be a reality as well as give us plenty of room for growth when that need arises.

For more information about SWAP contact Rick Adamson at 937-544-2396 or e-mail: rickadamson@acrwd.com



Thank You..... For allowing Adams County Regional Water District to provide you with a safe, reliable source of potable water. We are dedicated to having licensed professionals operate our system to ensure our customers the best water quality possible. We are also dedicated to the furtherance of education for these professionals. With additional upgrades to our entire system, we expect that water quality will continue to improve and make our customers proud of their water system. *"Adams County Regional Water District is an Equal Opportunity Provider and Employer."*