

REPORT TO CONGRESS

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Year To-Date 2010 Summary

Technical Assistance Provided

3823 Community Systems Visited

Training Provided Statewide

Classes
202

Individuals Trained
3290

Highlighting Training & Technical Assistance Provided

Congressional District	Training Sessions	Attendance	On-Site Visits	Source Water
1	19	248	219	5
2	15	227	319	21
3	38	539	919	31
4	0	0	0	2
5	18	241	216	2
6	18	322	577	23
7	70	1429	1016	27
8	24	284	427	19
TOTAL	202	3290	3693	130

COMMUNITY PWS RURAL WATER MEMBERS

CONGRESSIONAL DISTRICT	NUMBER OF SYSTEM MEMBERS
1	48
2	77
3	168
4	9
5	42
6	90
7	144
8	86
TOTAL	664

SIGNIFICANT CONTACTS

On Wednesday, December 8, 2010, Wisconsin Rural Water Association's Circuit Rider, Ed Hendzel, received a call from Terry Teeters requesting help with a water loss problem. Teeters is the Water Superintendent for the **Prentice Waterworks**. Hendzel and Teeters set a meeting date for Tuesday, December 14, 2010, to begin the water audit. After several hours of investigating pumpage reports and checking out a few hydrants in the distribution system, they decided to do a leak survey on Friday, December 17, 2010. Ed returned at 9:00 A.M. on Friday, December 17, to continue the technical assistance. After a couple of hours checking out some privately owned hydrants, Ed and Terry determined that a valve on a fire sprinkler system was leaking at one of the local businesses. This valve is on an unmetered lateral and is most likely a large contributor of the utility's water loss problem. Teeters will now be working with the local business to make the needed repairs. The total time of the water audit was 6.5 hours and saved the utility about \$1500.00, the cost if they were to hire a private firm to do the water audit & leak detection survey.

Chris Groh, the Wisconsin Rural Water Association Wastewater Trainer, was asked to visit the **Pell Lake Sanitary District** by Mr. Marc Weise (certified Wastewater Operator) to go through and help find any causes of high BOD results either from laboratory causes or from the wastewater treatment process. Groh looked over Mr. Weise's results from the lab and did not find any problems, so he then had Mr. Weise take him through the treatment process to see if he could find anything there. After looking over the process, Groh found that samples taken after the disinfection chamber failed the permitted limits, but those taken before the disinfection process effluent samples were fine. Chris suggested that the sample line be moved to before the disinfection process (which is standard in the state), and that he would work with the Department of Natural Resources Basin Engineer on making the change permanent. This is an ongoing issue, but the results should no longer violate the plant permit levels of effluent BOD. This work will have saved the system approximately \$3000 in engineer fees. If the changes can be made permanent, it will save the system thousands more in reduced fines and re-testing of effluent wastewater discharges.

WRWA Field Supervisor Jeff La Belle was contacted on December 21st by **Village of Alma** Certified Operator Anthony Mizer for assistance with an underground leak that could not be located. Operator Mizer, who had only been on the job for 1 1/2 months, had already dug some holes along the street where the water was emerging but could not locate the water main or the leak. La Belle responded to Alma about an hour after the call, arriving at 10:30am to assist. The first step was to locate the water main that was found to be about 4feet from where Operator Mizer thought it was located. After locating the water main, La Belle conducted leak detection on the line and determined that the leak was located just beyond where the digging had occurred. The savings to the system was around \$4200, the cost of a leak detector and a consultant to find the leak.

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"To assist our membership and the public they serve improve and preserve the quality and quantity of water resources in the State of Wisconsin"