

# Holiday Newsletter 2011

December 2011

www.shrwd.org

## Fair Oaks Project Completed!

SHRWD is proud to announce that the Fair Oaks Road sewer project is complete. Construction began in April of 2011 and was completed in October of 2011.

SHRWD, along with many members of the Fair Oaks community, are very excited about this area being connected to the sewer. Over the past fifteen years, SHRWD has received many phone calls concerning bring-

ing sewer lines to that area. Many thanks to the Henry County Commissioner's for sponsoring the Office of Community and Rural Affairs (OCRA) grant for this project. SHRWD greatly appreciates the support of our Henry County Commissioners: Kim Cronk, Sam Beckenbaugh, and Bill Cronk. Without their help with the grant, this project would not have been possible. In addition, thanks to the

folks of the Fair Oaks community who supported and helped throughout construction of the Fair Oaks Road sewer project.



## WATER FACTS

Only 3% of earth's water can be used as drinking water.

The average person in the U.S. uses from 80 to 100 gallons of water per day.



SHRWD wishes everyone a very Merry Christmas and a Prosperous & Healthy New Year!!!

## SHRWD installs new energy efficient equipment.

In conjunction with Lewisville Utilities and Indiana Municipal Power Agency (IMPA) SHRWD participated in the Energy Efficiency Incentive Program. SHRWD was able install soft starts and/or variable frequency drives on the treatment plant blowers and at treatment plant oxidation ditches. Due to our energy program participation a rebate was received for the

new more efficient equipment.

A soft start allows a motor to start slower or softer and build rpm rather than starting out at full power. This process reduces the energy used by the motor when starting and stopping. Additionally, the wear and tear on the equipment is decreased. Both of which provide energy savings to the plant.

A variable frequency drive is similar to a soft start. However, it differs by allowing the rpm's to be programmed for the needs of that particular motor. So, the start up and shut down of the motor can be exactly what is needed, rather than using the maximum amount of power which may not be needed. This will save energy as well as wear and tear on the motor.

SHRWD completed the installation of this equipment in November. Savings should begin immediately. By keeping the electrical costs down, it helps offset the increased cost of chemicals and other equipment needed by the treatment process.



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### Protecting our environment and our communities

#### What you can do to help!

Do not pour hazardous items down the drain, or outside on the ground. Such as gasoline, paint, paint thinners, unneeded medicines, pesticides and motor oil. They kill beneficial organisms and contaminate water. Toxic materials are either poisonous or cause long term illness (such as cancer). By working together, we can make a difference!

### 2011-2012 SHRWD UPDATES

Just like all other utilities, SHRWDs infrastructure is aging and will not function properly without maintenance and replacement over time, both of which costs money. Fortunately, we have faithfully set aside \$2,840 every month into the Depreciation Fund to prepare for such things.

In early Spring, SHRWD needed to replace the ultra-violet (UV) system with a new one. This equipment kills the pathogenic bacteria that cause diseases, including ecoli. While this equipment is expensive, it is a

good savings compared to using the chlorine process.

This summer you may have noticed a lot of activity going on at the Dunreith lift station. We had to rebuild a pump and replace the discharge piping in the wet well. This took some planning with a team of certified confined space entry professionals. The wastewater entering that wet well had to be diverted. This was accomplished by setting up a portable diesel pump then pumping all incoming wastewater from Spiceland directly into the

force main. All was accomplished successfully.

SHRWD's treatment plant is located in Lewisville and was featured this year in a documentary entitled, "Drop by Drop". It aired on channel 20 WFYI and will repeat on occasion. The documentary was about protecting Indiana's water supply. SHRWD was proud to be a part of this and would encourage anyone interested in viewing the documentary to stop by the plant and sign out a copy to view.