



## Indiana Department of Natural Resources

# DIVISION OF WATER

402 W Washington St  
Rm: W264  
Indianapolis, IN  
46204-2641

Phone: 317-232-4160  
Fax: 317-233-4579  
Toll Free: 877-928-3755  
E-mail:  
[water\\_inquiry@dnr.in.gov](mailto:water_inquiry@dnr.in.gov)

## Water Use Management for Conservation & Efficiency ~Indiana Significant Water Withdrawal Facilities~

Efficient water use can have many environmental, public health, and economic benefits by helping to improve water quality, maintaining aquatic ecosystems, and protecting groundwater and surface water as valuable drinking water resources. Although Indiana appears to have a more than adequate supply of water, increasing demand from all users including: domestic, industrial, energy production, & agricultural use, can begin to put pressure on the available supply. Water conservation programs can result not only in a reduction of this demand, but can also promote awareness of the finite nature of water to encourage more efficient use. Managers may find the utilization of water efficiency programs lower operating costs, which may translate to savings in other areas such as electricity, chemicals, gas, and wastewater disposal.

### Suggested Practices for Developing Conservation & Efficiency Programs:

- Appoint a Water Conservation Manager & develop a Water Management Plan.
- Whole System Maintenance—Identification of leaks in delivery and distribution, preservation of optimal operation pressure, maintaining gauges in good working order, testing regularly, system calibration, identification and repair of pressure problems.
- System Controls Improvement—Implementation of a comprehensive water accounting & loss control program including system inspections, universal metering, and leak detection & repair. Processes that use large volumes of water for washing, rinsing or cooling should be outfitted with a dedicated water meter. Accurate metering at all levels is essential.
- Identify and Prioritize opportunities to reduce or reuse water; such as cooler flush water, rinse water, backwash water, floor and gutter wash water, turn off all flows during shutdowns, & use solenoid valves to stop the flow of water when a process stops.
- Water Use Audits—Good conservation programs depend on accurate use data. Conducting water use audits assesses water demand on a system by system or process by process basis; the goal is to generate a set of data profiling water demand at all stages.
- Educate & Involve employees in water conservation initiatives. Invite presentations and seminars by appropriate agencies or organizations.
- Consider a reclaimed wastewater distribution system for non-potable purposes.
- Water Conservation = Energy Savings = \$ Savings



For more information regarding water use, water conservation & energy savings please visit the Division of Water at the following web addresses: [www.in.gov/dnr/water/3124.htm](http://www.in.gov/dnr/water/3124.htm)  
[www.in.gov/dnr/water/4856.htm](http://www.in.gov/dnr/water/4856.htm) [www.in.gov/dnr/water/4847.htm](http://www.in.gov/dnr/water/4847.htm)