

## Indiana Significant Water Withdrawal Facility 2010 Conservation & Efficiency Survey Results

In order to promote & assist with the establishment of conservation and efficiency goals under the Great Lakes Compact, Indiana set out to determine methods and practices currently in place or in the planning stages among the significant water withdrawal facilities (SWWF) located in the Great Lakes Basin, as well as statewide. The water use reporting component of the SWWF program was utilized to acquire data on conservation and efficiency activities of registered facilities. A checklist style survey was developed specifically for each registered water use category including Industrial/Energy Production, Irrigation, Public Supply, and Rural / Miscellaneous. The checklist contains examples of general Best Management Practices (BMPs) for water conservation and efficiency that might be considered by an SWWF. Each BMP had a checklist box for the facility to indicate whether a particular water management practice was currently being utilized at the facility, or that may be planned or implemented over the next water use reporting year. The list was not to be considered complete or mandatory as no one set of BMPs would be appropriate or applicable to all facilities, therefore open ended responses were allowed in the survey as well. Response to the survey by registered SWWF was greater than expected. It was apparent that significant interest existed on the topic of conservation and efficiency efforts and best management practices. As such, the Division of Water would like to share a few of the 2010 survey results.

### Within the Great Lakes Basin:

- 858 SWWFs received a checklist survey
- Response rate at 54%
- Conservation & Efficiency BMPs currently in use, by registered water use category:  
Irrigator=57% Industrial/Energy Prod.=24%  
Public Supply=25% Rural/Misc.=17%

### Statewide:

- 3,652 facilities received a checklist survey
- Response Rate at 52%
- Conservation & Efficiency BMPs currently in use, by registered water use category:  
Irrigator=48% Industrial/Energy Prod.=26%  
Public Supply=27% Rural/Misc.=18%

The checklist survey's BMP practices for all facility categories were determined to be Policy, Mechanical, Technological, or Educational in nature.

### Most Common 'Current' Responses Indicated:

- Industrial / Energy Production (IN/EP) —Technology based practices
- Irrigation (IR) —Policy based practices
- Public Supply (PS) —Technology based practices
- Rural/ Misc (RU/MI) —Mechanical practices

### Most Common 'Planned' Responses Indicated:

- Industrial / Energy Production (IN/EP)—Education based
- Irrigation (IR) —Education based
- Public Supply (PS) —Policy based (only by a few responses over Education)
- Rural /Misc (RU/MI) —Tied: Technology and Education

**Additional checklist survey results** are available at the following web address: [www.in.gov/dnr/water/\\*\\*\\*\\*\\*](http://www.in.gov/dnr/water/*****)

If your facility did not return a copy of the checklist, and would like to, please download a copy at the above web address and return it with this year's annual water use report. Thank you for your participation!

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In order to improve regular communications with Indiana's Significant Water Withdrawal Facilities, please provide your email address:

What voluntary reduction goal of current water use for your facility do you believe to be reasonable? (please circle one)  
2%    5%    10%    15%    20%    or \_\_\_\_\_ %

If your facility has already put voluntary conservation and efficiency practices in place, approximately what percentage water use reduction was achieved? \_\_\_\_\_%

The survey indicated education as the most desired conservation & efficiency strategy for the future. In order that we better understand facility needs, please indicate what specific type of educational opportunities would be most useful:

\_\_\_\_\_  
Please cut on dotted line and return this portion with your annual water use report. Thank You!