

Indiana Public Water Suppliers: Voluntary Conservation and Efficiency Efforts—Suggested Best Management Practices Checklist

The Indiana Department of Natural Resources has compiled the following suggested Best Management Practices (BMPs) to provide assistance to Indiana Significant Water Withdrawal Facilities (SWWF) in the development of water conservation & efficiency efforts under the provisions of the Great Lakes-St Lawrence River Basin Compact (IC 14-25-15-5). Pursuant to this legislation, conservation and efficiency efforts are voluntary in nature for existing SWWF facilities in the Great Lakes Basin; however, Indiana is promoting voluntary conservation and efficiency efforts at all facilities throughout the State. This voluntary checklist is being provided to each registered SWWF in Indiana according to their water use category. The checklist contains examples of BMPs that might be considered by a facility. This list is intended as a guide and should not be considered complete or mandatory, as no one set of BMPs would be appropriate for or applicable to, all facilities.

Selection of Best Management Practices for Conservation and Efficiency Efforts:

C u r r e n t	P l a n n e d	<p>Please check those items that are <i>currently</i> being utilized by the facility, and those that may be <i>planned</i> or implemented over the next water use reporting year. Do not check either box if the item is not applicable to your facility or organization.</p> <p><u>Please return this checklist with your annual water use report.</u></p>
<input type="checkbox"/>	<input type="checkbox"/>	Implementation of comprehensive water accounting and loss control program.
<input type="checkbox"/>	<input type="checkbox"/>	Incorporate technology such as remote sensors, monitoring software, or telemetry technology that automatically alert operators to leaks or fluctuations in pressure.
<input type="checkbox"/>	<input type="checkbox"/>	Develop a system wide maintenance and repair program including leak detection and repair to mitigate water losses to enhance conservation objectives.
<input type="checkbox"/>	<input type="checkbox"/>	Reduce excessive water pressure in the distribution system by implementing system wide pressure management practices, flow restrictors, or pressure reducing valves.
<input type="checkbox"/>	<input type="checkbox"/>	Implementation of universal metering combined with a meter testing, calibration, and replacement program.
<input type="checkbox"/>	<input type="checkbox"/>	Develop a system wide large water meter (1 1/2" and larger) testing, repair and/or replacement program to increase revenues and to mitigate water losses to enhance conservation objectives.
<input type="checkbox"/>	<input type="checkbox"/>	Implement a rate structure that encourages water efficiency
<input type="checkbox"/>	<input type="checkbox"/>	Development of educational programs for the public; including informative water bills, school programs, public workshops, or seminars.
<input type="checkbox"/>	<input type="checkbox"/>	Promote the use of certified USEPA Water Sense products which guarantee a 20% water savings.
<input type="checkbox"/>	<input type="checkbox"/>	Involve employees in conservation and efficiency initiatives.
<input type="checkbox"/>	<input type="checkbox"/>	Promotion of landscape irrigation standards and promotion of good irrigation practices including weather based controllers and soil moisture sensors.

<input type="checkbox"/>	<input type="checkbox"/>	Incorporate water conservation policies and procedures into public outreach and education programs.
<input type="checkbox"/>	<input type="checkbox"/>	Invite presentations or seminars by appropriate agencies and organizations.
<input type="checkbox"/>	<input type="checkbox"/>	Provide retrofit kits to customers at a reduced cost (or free of charge). Kits may contain items such as low flow faucet aerators, high efficiency shower heads, leak detection tablets, replacement valves, etc.
<input type="checkbox"/>	<input type="checkbox"/>	Incorporate water conservation policies and procedures into employee training programs.
<input type="checkbox"/>	<input type="checkbox"/>	Participate in water conservation advisory group or organization to raise awareness.
<input type="checkbox"/>	<input type="checkbox"/>	Other [please specify]: <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>

Evaluation and Modification of Voluntary Conservation and Efficiency Efforts

Upon adoption of applicable voluntary Best Management Practices (BMPs), the facility may consider evaluating and updating their goals and objectives on a periodic basis. Modifications to chosen BMPs may be based upon an evaluation of previously selected goals and objectives and any new relevant information or changes in water use processes.

The facility could consider documenting the following information to evaluate their voluntary selection of conservation and efficiency goals and the BMPs to reach them:

- A list of dates and descriptions of BMPs chosen as well as conservation & efficiency measures implemented
- Means used to quantify water savings
- Approximate amounts of water saved for each measure implemented
- Discussion about whether or not the goals of the plan have been met
- If objectives were not met, an analysis of why the objectives were not met and a discussion of revisions to goals & objectives and the chosen BMPs may be helpful for the facility to meet their voluntary objectives in the future.

Have questions, comments, or need further assistance?

Please contact the Indiana Department of Natural Resources, Division of Water at 317-232-4160 or toll free 877-928-3755 (choose option 4); or see our website at: www.in.gov/dnr/water.

Mail your completed checklist to:

Division of Water
Indiana Department of Natural Resources
402 W. Washington St Room: W264
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Facility Registration Information: