

### Fiscal Estimate - 2019 Session

Original     
  Updated     
  Corrected     
  Supplemental

LRB Number <b>19-5627/1</b>	Introduction Number <b>AB-0966</b>
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**Description**  
 disinfection of drinking water supplied by a municipal water system

**Fiscal Effect**

**State:**

<input type="checkbox"/> No State Fiscal Effect	<input type="checkbox"/> Increase Existing Revenues	<input type="checkbox"/> Increase Costs - May be possible to absorb within agency's budget
<input type="checkbox"/> Indeterminate	<input type="checkbox"/> Decrease Existing Revenues	<input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Increase Existing Appropriations		<input type="checkbox"/> Decrease Costs
<input type="checkbox"/> Decrease Existing Appropriations		
<input type="checkbox"/> Create New Appropriations		

**Local:**

<input type="checkbox"/> No Local Government Costs	3. <input type="checkbox"/> Increase Revenue	<b>5. Types of Local Government Units Affected</b>	
<input type="checkbox"/> Indeterminate	<input type="checkbox"/> Permissive <input type="checkbox"/> Mandatory	<input type="checkbox"/> Towns	<input checked="" type="checkbox"/> Village
1. <input checked="" type="checkbox"/> Increase Costs	<input type="checkbox"/> Permissive <input type="checkbox"/> Mandatory	<input type="checkbox"/> Counties	<input type="checkbox"/> Others
<input type="checkbox"/> Permissive <input checked="" type="checkbox"/> Mandatory	4. <input type="checkbox"/> Decrease Revenue	<input type="checkbox"/> School Districts	<input type="checkbox"/> WTCS Districts
2. <input type="checkbox"/> Decrease Costs	<input type="checkbox"/> Permissive <input type="checkbox"/> Mandatory		
<input type="checkbox"/> Permissive <input type="checkbox"/> Mandatory			<input checked="" type="checkbox"/> Cities

<b>Fund Sources Affected</b>	<b>Affected Ch. 20 Appropriations</b>
<input type="checkbox"/> GPR <input type="checkbox"/> FED <input type="checkbox"/> PRO <input type="checkbox"/> PRS <input type="checkbox"/> SEG <input type="checkbox"/> SEGS	

<b>Agency/Prepared By</b> DNR/ Paul Neumann (608) 266-0818	<b>Authorized Signature</b> Paul Neumann (608) 266-0818	<b>Date</b> 2/28/2020
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## Fiscal Estimate Narratives

DNR 2/28/2020

LRB Number	19-5627/1	Introduction Number	AB-0966	Estimate Type	Original
<b>Description</b> disinfection of drinking water supplied by a municipal water system					

### Assumptions Used in Arriving at Fiscal Estimate

The bill requires a municipal water system to provide continuous disinfection of the water that it provides.

#### Local Fiscal Impact

The Department estimates an annual, ongoing increase in local government costs of approximately \$114,300, in addition to a one-time cost increase of \$229,000.

#### Annual Local Government Costs

- a. There are currently 56 municipal systems in Wisconsin serving water that is not disinfected. This statutory change would require these systems to begin disinfecting 36 months after publication. The Department estimates that chemicals for disinfection at these systems will cost an average of \$160/month. Therefore, 56 systems x \$160/month x 12 months = \$107,520.
- b. The Department estimates that this bill will require 56 systems to conduct disinfection by-product monitoring. Disinfection by-product monitoring requires systems to collect 1 sample once every 3 years at a cost of \$361/sample. Therefore, 56 systems x \$361/sample (once every 3 years) = \$20,216 or \$6,738 per year.

#### One-time Local Government Costs

- a. There are currently 56 systems in Wisconsin serving water that is not disinfected, although all systems are required to have the necessary equipment to disinfect. The Department estimates that the additional equipment required for permanent disinfection, which includes a scale, a holding tank and the cost of installation, is \$1,200 per system. Therefore, the cost for this is 56 x \$1,200 = \$67,200
- b. There are currently 56 systems in Wisconsin serving water that is not disinfected. If these systems are required to begin disinfecting, they will also be required to conduct preliminary monitoring for disinfection by products. This will require two samples per quarter at a cost of \$361/sample. Therefore, 56 systems x 2 samples/quarter x 4 quarters x \$361 = \$161,728.

Costs do not include any additional treatment beyond disinfection or potential safety equipment, such as an eye washing station. Systems that select disinfection using chlorine may incur additional costs related to the presence of iron and manganese in the water. Treatment for iron and manganese is not required by rule.

### Long-Range Fiscal Implications

## Fiscal Estimate Worksheet - 2019 Session

Detailed Estimate of Annual Fiscal Effect

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<b>Description</b> disinfection of drinking water supplied by a municipal water system			
<b>I. One-time Costs or Revenue Impacts for State and/or Local Government (do not include in annualized fiscal effect):</b>  Estimated one-time implementation costs for local governments of \$229,000.			
<b>II. Annualized Costs:</b>		<b>Annualized Fiscal Impact on funds from:</b>	
		Increased Costs	Decreased Costs
<b>A. State Costs by Category</b>			
State Operations - Salaries and Fringes	\$		\$
(FTE Position Changes)			
State Operations - Other Costs			
Local Assistance			
Aids to Individuals or Organizations			
<b>TOTAL State Costs by Category</b>	<b>\$</b>		<b>\$</b>
<b>B. State Costs by Source of Funds</b>			
GPR			
FED			
PRO/PRS			
SEG/SEG-S			
<b>III. State Revenues - Complete this only when proposal will increase or decrease state revenues (e.g., tax increase, decrease in license fee, etc.)</b>			
		Increased Rev	Decreased Rev
GPR Taxes	\$		\$
GPR Earned			
FED			
PRO/PRS			
SEG/SEG-S			
<b>TOTAL State Revenues</b>	<b>\$</b>		<b>\$</b>
<b>NET ANNUALIZED FISCAL IMPACT</b>			
		<u>State</u>	<u>Local</u>
NET CHANGE IN COSTS	\$		\$114,300
NET CHANGE IN REVENUE	\$		\$
<b>Agency/Prepared By</b> DNR/ Paul Neumann (608) 266-0818			
<b>Authorized Signature</b> Paul Neumann (608) 266-0818		<b>Date</b> 2/28/2020	