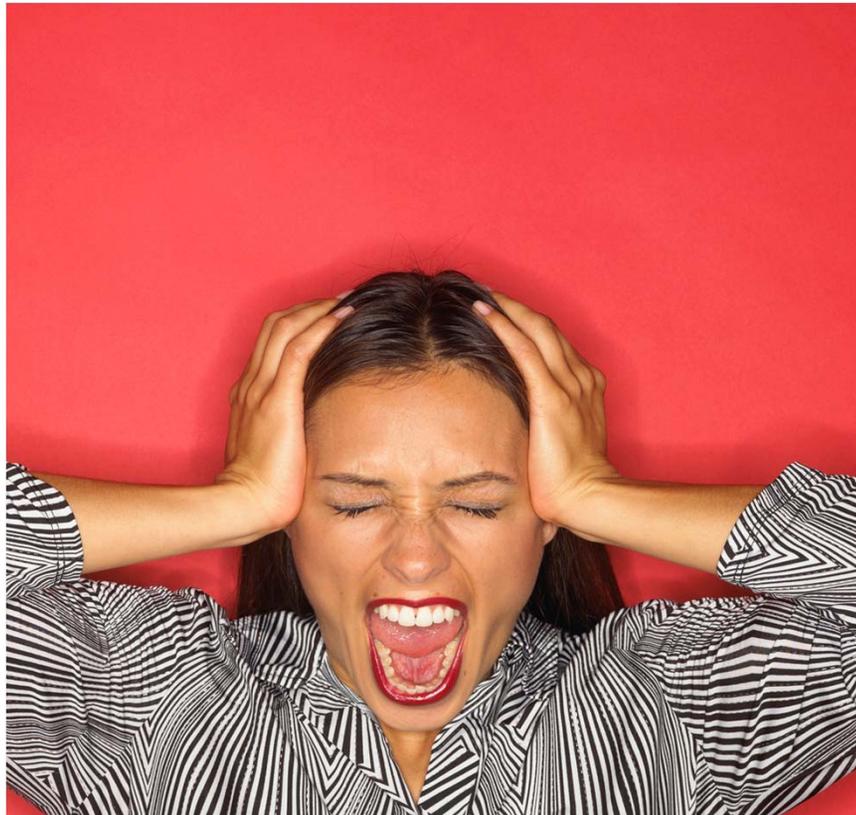


TIME TO UPDATE THE LAKE MICHIGAN WATER ALLOCATION RULES !



Current Status of Illinois' Diversion

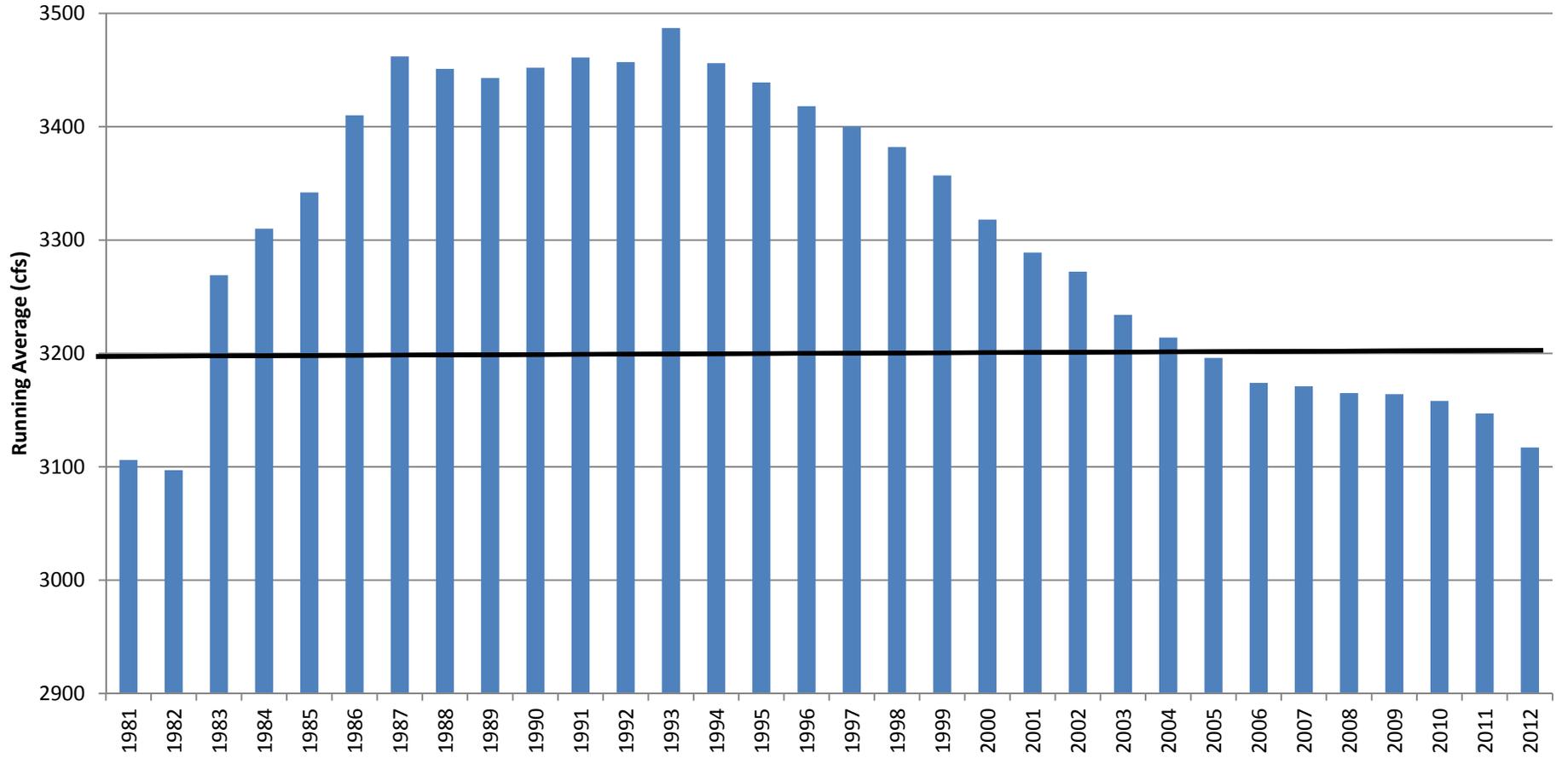
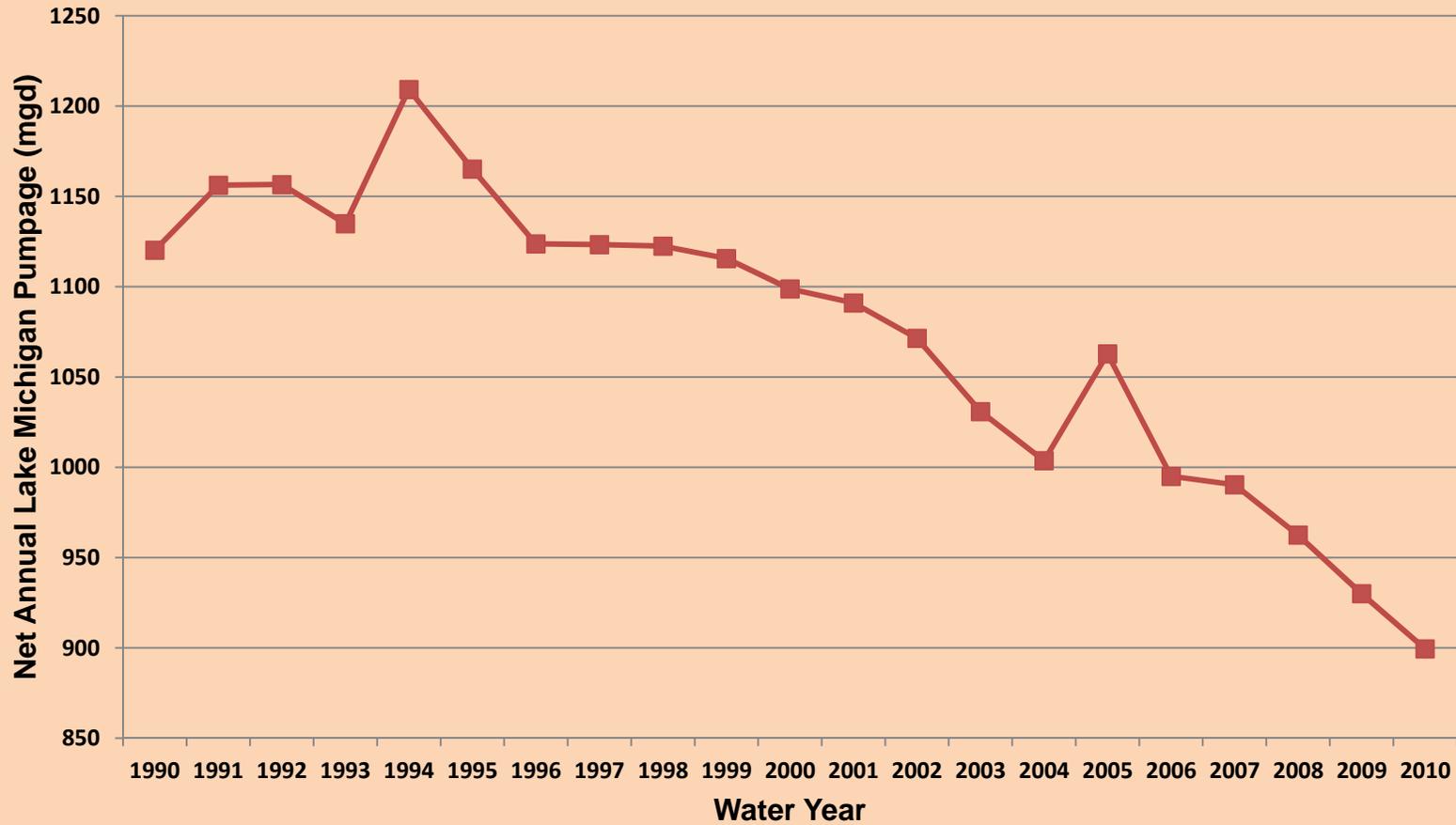
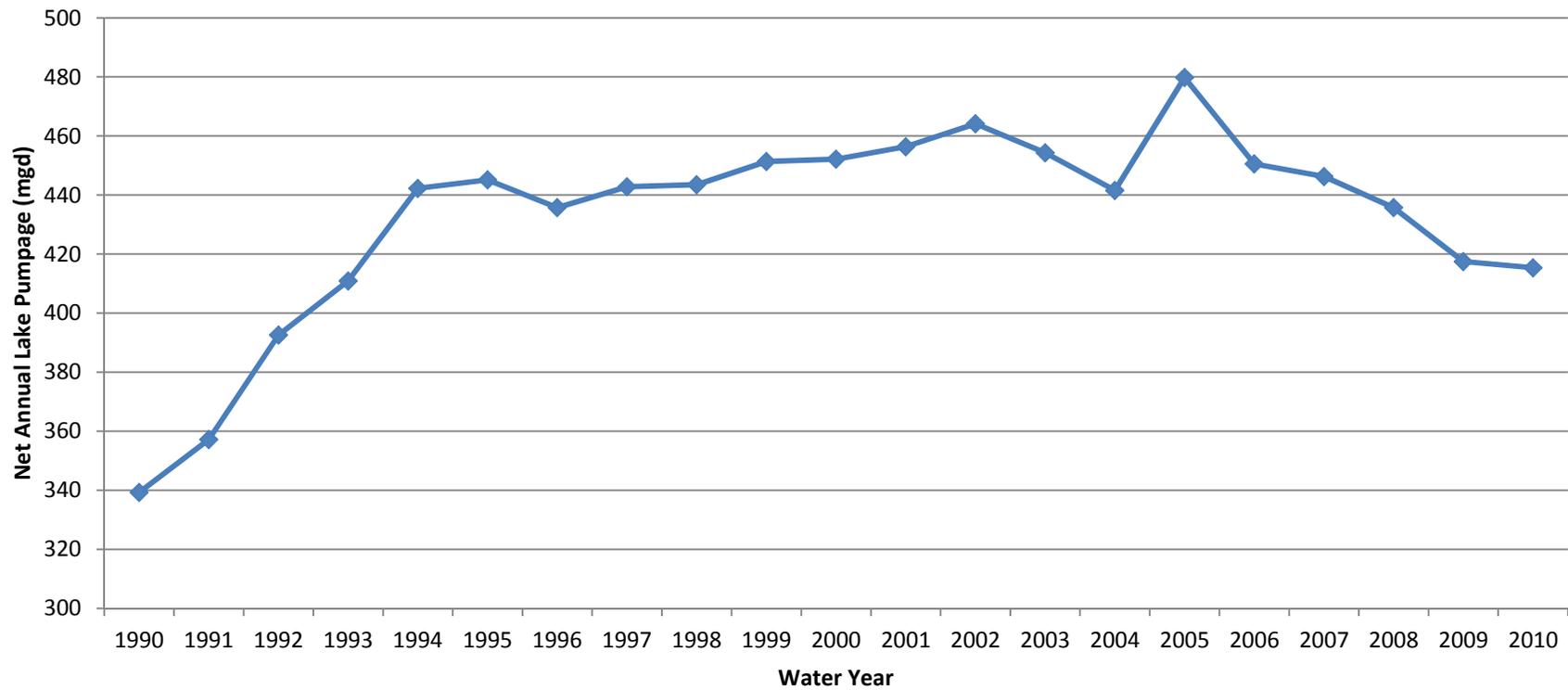


Figure 1. Illinois Lake Michigan Water Allocation Permittees' Total Annual Use



Illinois Lake Michigan Allocation Permittees w/o Chicago Annual Lake Michigan Pumpage



Long Term Issues

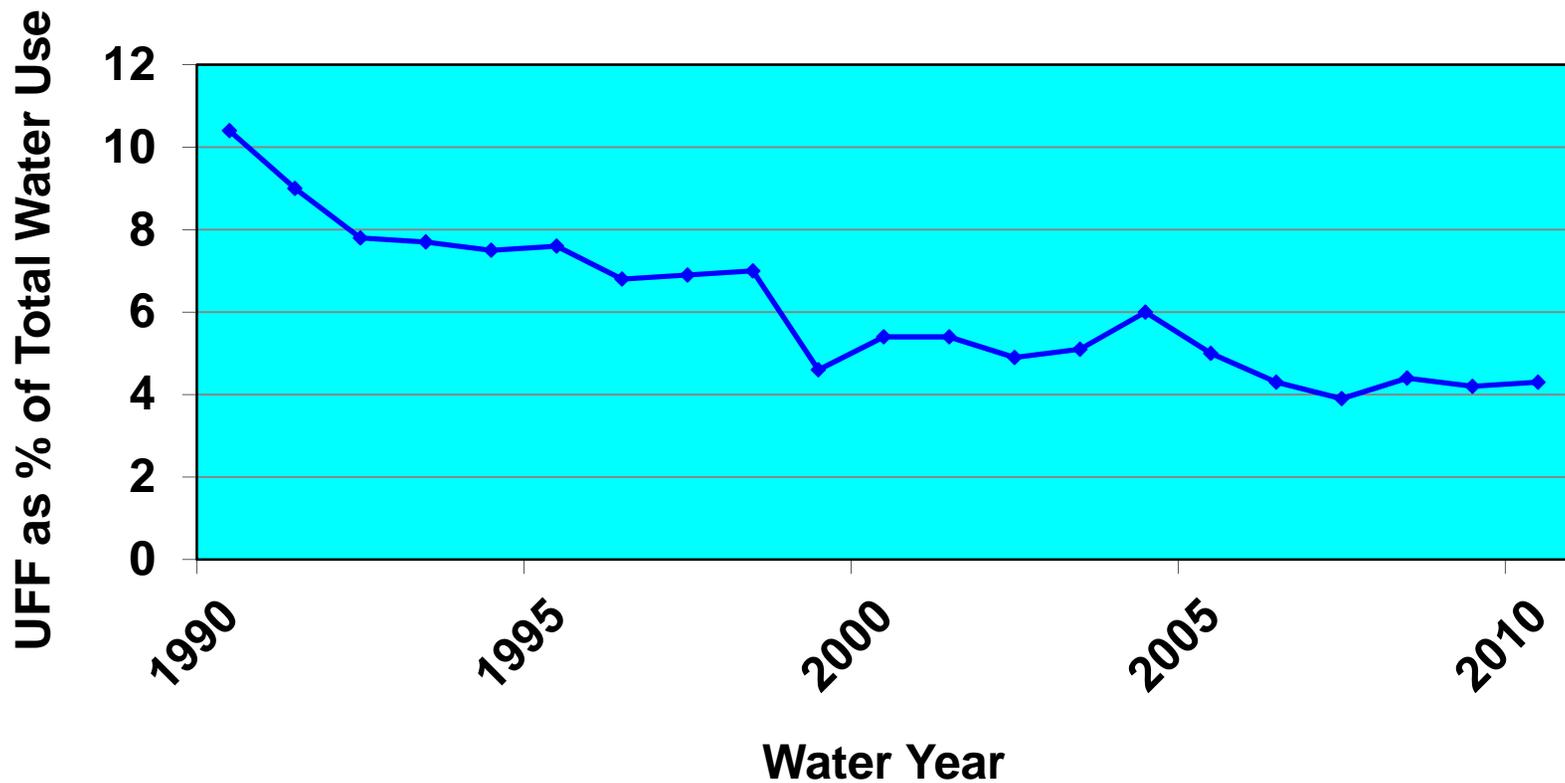
- Lake Michigan service population to increase by 817,000 between 2009-2030
- Lake Michigan water use will continue to be legally constrained by the Decree
- What about the ~1.1 million new residents outside L.M. service area?
- What about the ~1.5 million additional population between 2030-2050?
- Difficulties of managing uncertainties

What Does State Law Say About Conservation and Efficient Use?

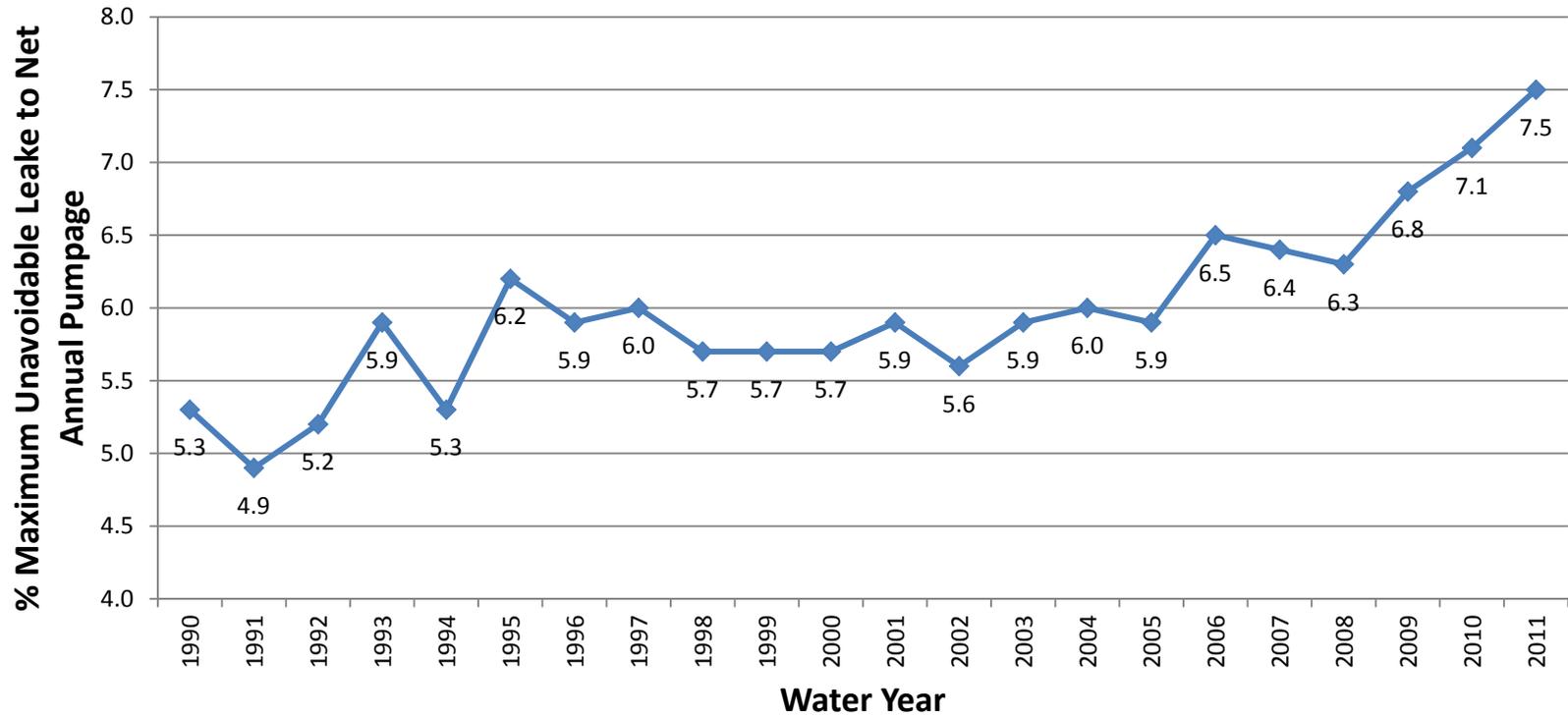
Level of Lake Michigan Act

“The Department shall require that all feasible means reasonably available to the State and its municipalities, political subdivisions, agencies and instrumentalities shall be employed to conserve and manage the water resources of the region and the use of water therein in accordance with the best scientific knowledge and engineering practice.” (615 ILCS 50/5)

Average Unaccounted-For-Flow In Lake Michigan Communities



Average Regional Maximum Unavoidable Leakage



Section III - Maximum Unavoidable Leakage Worksheet

A. Cast Iron Pipes With Lead Joints

Age of Pipe	Miles of Pipe	Leakage Rate*	Maximum Unavoidable Leakage**
>60 yrs.	_____	x 3000 g/d/mi =	_____ g/d
40-60 yrs.	_____	x 2500 g/d/mi =	_____ g/d
20-40 yrs.	_____	x 2000 g/d/mi =	_____ g/d
<20 yrs.	_____	x 1500 g/d/mi =	_____ g/d

B. All Other Types of Pipes and Joints

>60 yrs.	_____	x 2500 g/d/mi =	_____ g/d
40-60 yrs.	_____	x 2000 g/d/mi =	_____ g/d
20-40 yrs.	_____	x 1500 g/d/mi =	_____ g/d
<20 yrs.	_____	x 1000 g/d/mi =	_____ g/d

Total Miles _____ Total Leakage _____ g/d

* Leakage Rate expressed in gallons per day per mile (g/d/mi)

** Maximum Unavoidable Leakage expressed in gallons per day (g/d)

Future Timeline

- IDNR comment period open to May 31st
- IDNR internal review/consideration of comments received
- Develop Final Proposed Rules for Submittal to JCAR

- 1st Notice of Rulemaking filed with Secretary of State, published in Illinois Register
- 45 Day Public Comment Period
- IDNR Must Address Comments
- 2nd Notice in Illinois Register, includes comments and IDNR response, also announces date when JCAR will consider Rules
- JCAR meets to consider
- If approved, adopted version is published in Illinois Register
- Process requires a minimum of 6 months

Questions, Comments, Further Information

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Further Information at:

<http://www.dnr.illinois.gov/WaterResources/Pages/LakeMichiganWaterAllocation.aspx>