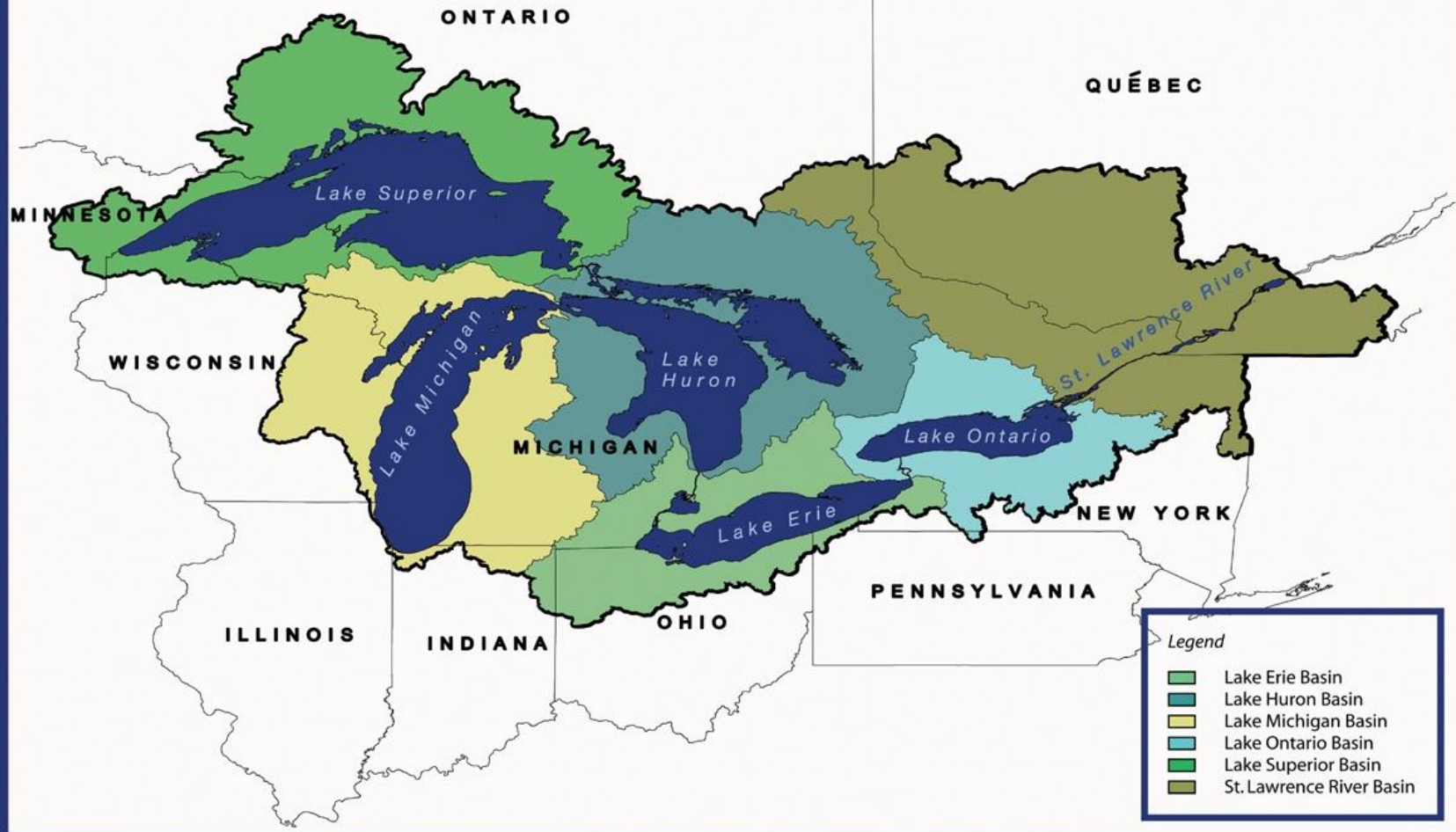
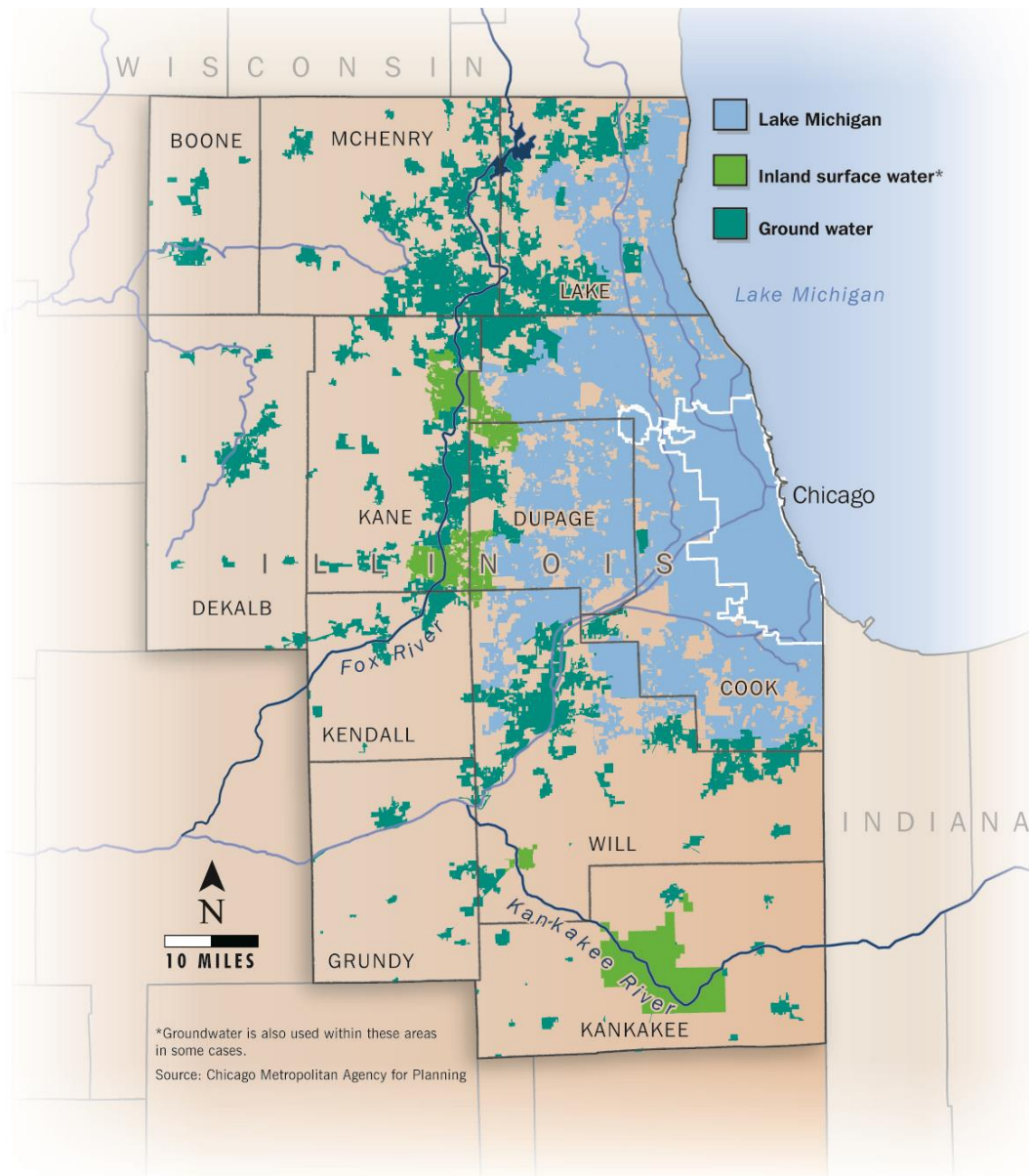


The Great Lakes Basin





Northeast Illinois Water Sources

Current Status of Illinois' Diversion

Oct-14

	Certified	Running	Cumulative
Accounting	Flow	Average	Deviation
Year	(cfs)	(cfs)	(cfs)
1981	3106	3106	94
1982	3087	3097	207
1983	3613	3269	-206
1984	3432	3310	-438
1985	3472	3342	-710
1986	3751	3410	-1261
1987	3774	3462	-1835
1988	3376	3451	-2011
1989	3378	3443	-2189
1990	3531	3452	-2520
1991	3555	3461	-2875
1992	3409	3457	-3084
1993	3841	3487	-3725
1994	3064	3456	-3589
1995	3197	3439	-3586
1996	3108	3418	-3494
1997	3114	3400	-3408
1998	3060	3382	-3268
1999	2909	3357	-2977
2000	2584	3318	-2361
2001	2698	3289	-1859
2002	2919	3272	-1578
2003	2398	3234	-776
2004	2757	3214	-333
2005	2771	3196	96
2006	2628	3174	668
2007	3094	3171	774
2008	3002	3165	972
2009	3135	3164	1037
2010	2874	3155	1363
2011	2791	3143	1772
2012*	2237	3115	2735
2013*	2479	3095	3456
2014**	2901	3090	3755

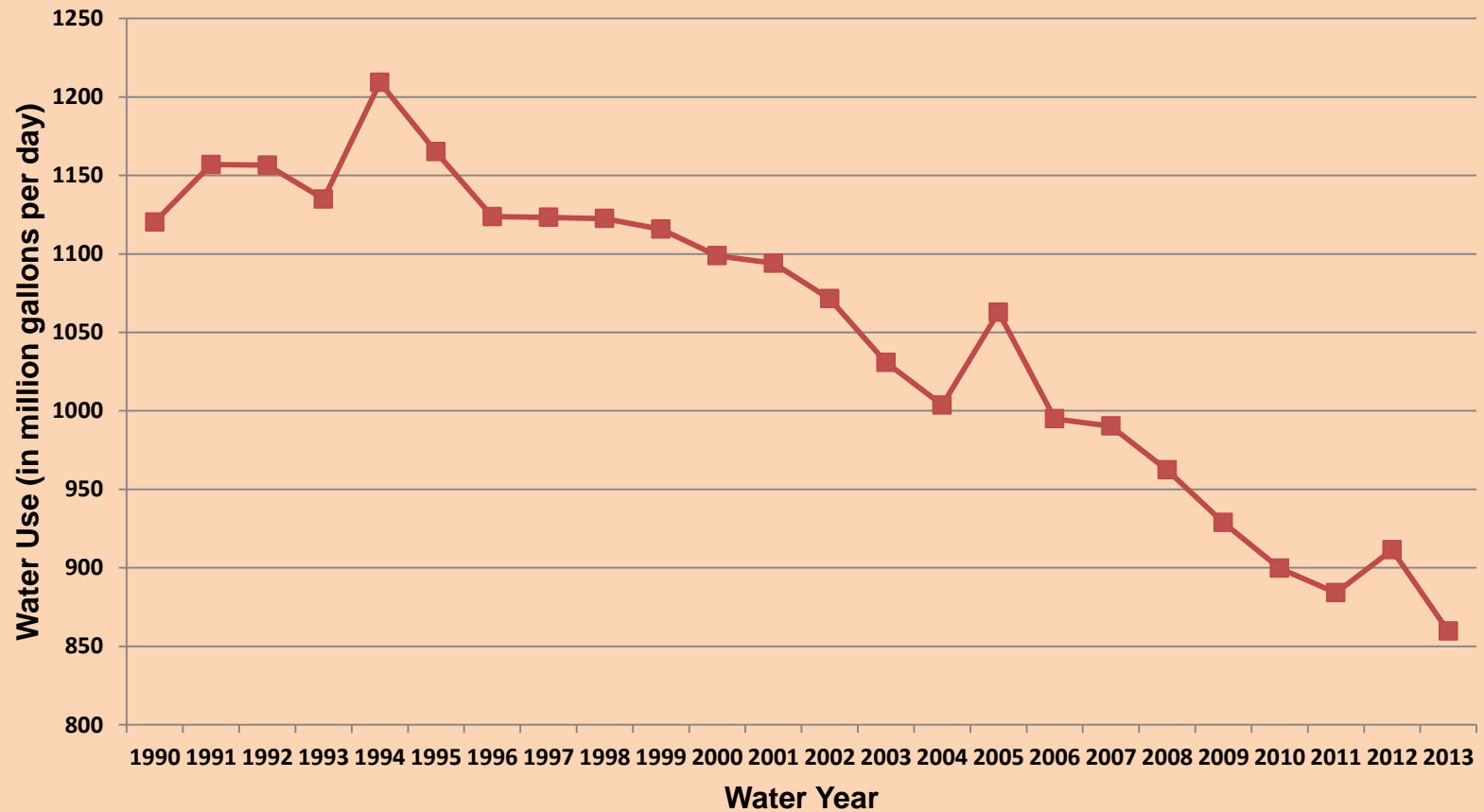
*Estimated, based on final USGS discharge at Lemont Gage.

**Estimated, based on provisional USGS data.

3755 cfs represents
almost 1 ¼ years worth
of Illinois diversion!



Total Annual Lake Michigan Domestic Water Use



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)

Original Proposed Rule Changes for Domestic Permittees

- Eliminate allowance for Maximum Unavoidable Leakage while keeping Unaccounted-for-flow standard at 8%
- Non-compliance requires submittal of a compliance plan w/timeframe
- Require sub-metering in new multi-family construction
- Update low-flow plumbing fixture specs to labeled Water Sense products
- Update lawn sprinkling ordinances to require time of day restriction, not on consecutive days
- Recommend that water rates reflect full cost pricing

Timeline

- IDNR announced proposed changes to Rules on February 19, 2013
- Three public comment meetings in May, 2013
- Public Comment Period Open for 100 days
- IDNR completed review of comments, September, 2013
- First Notice by JCAR, March 7, 2014
- Final Rules approved November 18, 2014

What Happened

- Received 52 written comments
- Approximately 170 attended our public meetings
- Most comments expressed opposition/concern with elimination of MUL, citing financial hardship to comply
- A number of comments suggested we consider AWWA M-36 methodology.
- Most opposed to requiring sub-metering
- Many even opposed our recommendation calling for full cost pricing

Our Response

- New rules will implement a water use audit system that is consistent with AWWA M-36
- Old Unaccounted-For-Flow Standard replaced with a Non-Revenue Water Standard (12% in 2015, decreasing to 10% by 2019). No MUL allowance
- Phase in for compliance
- Non-compliance will require water system improvement plan
- Sub-metering recommended, rather than required

Next Steps

- Rules became final on November 18, 2014
- 2015 Water Year will be the first year with a revised Water Use Audit Form LMO-2
- Will be notifying permittees of the need to update local ordinances/building codes to reflect updated rules on plumbing fixtures
- Working with IEPA and AWWA on training using the AWWA M-36 water audit methodology
- CMAP is preparing guidance document on preparing water system improvement plans

Questions, Comments, Further Information

Daniel Injerd, Chief
Lake Michigan Management
312-793-5746
Dan.injerd@illinois.gov

James Casey
Water Resources Engineer
312-793-5947
james.casey@illinois.gov

Illinois Department of Natural Resources
Office of Water Resources
Michael Bilandic Building
160 N. LaSalle St., Suite S-703
Chicago, IL 60601

Further Information at:

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