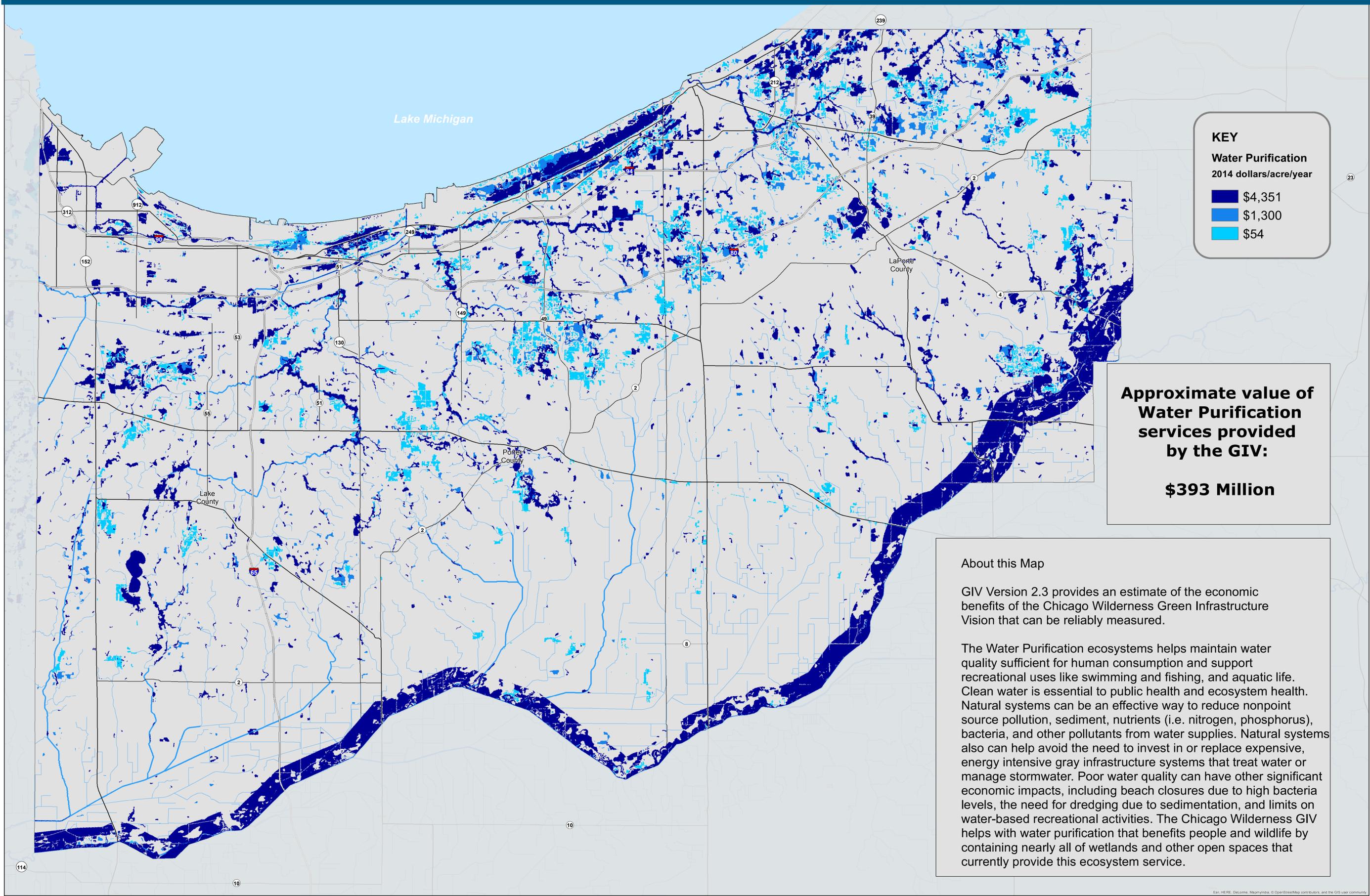
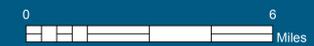


# Water Purification



Map Prepared by  
The Conservation Fund, 2015.

1 in = 2 miles



**KEY**

**Water Purification**  
2014 dollars/acre/year

Dark Blue	\$4,351
Medium Blue	\$1,300
Light Blue	\$54

**Approximate value of  
Water Purification  
services provided  
by the GIV:**

**\$393 Million**

**About this Map**

GIV Version 2.3 provides an estimate of the economic benefits of the Chicago Wilderness Green Infrastructure Vision that can be reliably measured.

The Water Purification ecosystems helps maintain water quality sufficient for human consumption and support recreational uses like swimming and fishing, and aquatic life. Clean water is essential to public health and ecosystem health. Natural systems can be an effective way to reduce nonpoint source pollution, sediment, nutrients (i.e. nitrogen, phosphorus), bacteria, and other pollutants from water supplies. Natural systems also can help avoid the need to invest in or replace expensive, energy intensive gray infrastructure systems that treat water or manage stormwater. Poor water quality can have other significant economic impacts, including beach closures due to high bacteria levels, the need for dredging due to sedimentation, and limits on water-based recreational activities. The Chicago Wilderness GIV helps with water purification that benefits people and wildlife by containing nearly all of wetlands and other open spaces that currently provide this ecosystem service.

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