The Facts

NON-DIVERSION SOLUTION

COMPACT Implementation Coalition

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RESPECT THE COMPACT

WHAT IS THE NON-DIVERSION SOLUTION?

The Non-Diversion Solution is a **simple, healthy and cost-effective** answer to Waukesha's water supply concerns. It consists of using the current water system, which includes deep and shallow wells, and adding reverse osmosis treatment to some of the deep aquifer wells. Over **40 other communities** in Wisconsin **use treatment** methods to deal with radium and other contaminants and to deliver clean, safe water to their residents.

WHERE WILL WAUKESHA GET ITS WATER?

Waukesha will continue to supply its residents now and into the future with safe, clean water by combining deep- and shallow-aquifer water from seven **existing** deep **groundwater wells** and three existing shallow groundwater wells. No additional wells are needed. This simple solution allows for reasonable growth without impacts to the environment.

HOW WILL THE DEEP AQUIFER WATER BE TREATED?

Waukesha will add **reverse osmosis technology,** the best available technology today, to three existing deep groundwater wells. Water from Waukesha's shallow groundwater wells does not need to be treated for radium.

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HOW MUCH WILL ADDING REVERSE OSMOSIS TECHNOLOGY TO THREE EXISTING DEEP GROUNDWATER WELLS COST OVER TIME?

Present Worth of Capital Cost	$87,718,000
Present Worth of Operation & Maintenance in 20 years (6%)	$63,069,000
Total Present Worth in 20 years	$150,787,000
Present Worth of Operation & Maintenance in 50 years (6%)	$85,866,000
Total Present Worth in 50 years	$173,584,000

This will save Waukesha residents over $120 million in upfront capital costs and an additional $30 million over the course of 50 years compared to the Great Lakes diversion.

HOW LONG WILL THIS SOLUTION LAST?

The Non-Diversion Solution accounts for water demand well into the future and uses the same predictions the City of Waukesha uses for planning its "full build out", or the point at which all developable land is developed, to at least the year 2050.

WILL THERE BE NEGATIVE ENVIRONMENTAL IMPACTS?

The Non-Diversion Solution requires no additional wells, which means there is no environmental impact to surrounding wetlands, surface waters or the deep groundwater aquifer.