

LAKE MICHIGAN MEMBRANE OZONE R&D STUDY

TP-114415

ABSTRACT .

Water utilities in the United States face ever increasing challenges as drinking water standards become more stringent. With the promulgation of the Enhanced Surface Water Treatment Rule (ESWTR), utilities face the first of two regulations that mandate control of a chlorine resistant pathogen, *Cryptosporidium*. In an effort to identify a cost effective measure to mitigate the health risks associated with *Cryptosporidium*, the City of Oak Creek Water and Sewer Utility (OCWSU), the North Shore Water Commission (NSWC), the Wisconsin Electric and Power Utility (WEPCO), and the Electric Power Research Institute Community Environmental Center (EPRI-CEC) initiated an evaluation of ozone and membrane technologies.