

January 5, 2026

RE City of Margate Pilot Program

To Whom It May Concern.

Purifics is recommending its CUF (continuous ultrafiltration) technology to provide a robust, durable, and cost-effective solution for drinking water purification for the City of Margate.

The CUF technology is based on proprietary 5<sup>th</sup> generation SiC ceramic membrane technology, which has been continually enhanced over Purifics' 33 years of unmatched experience and applications know-how. The CUF technology is extremely unique and not available anywhere else in the world. The following are granted United States Patents that protect the technology: 10940443, 10814284, 11572286, 11697097, 10071927, 11041565, 10005686, 10315935, 7326278, 7588688, 8491789 & 9133047. Many more pending US patents exist as well.

BAR Environmental Inc. is our sole representative in the **State of Florida**. This includes all products:

- CUF-Ceramic Ultrafiltration
- Photo-Cat-Photocatalytic AOP+
- SRU-Solids Recovery systems.

Purifics has been sole sourced by government institutions including the US Navy, US DoE, Lockheed Martin, and NASA, as well as many municipalities. The sole source justification for these entities was simply the fact that they could not purchase similar purification equipment anywhere in the world. This is substantiated by the vast number of US and world patents obtained for the technology.

If you have any questions, please contact Tony Powell, P.Eng.

Sincerely,

A handwritten signature in blue ink that reads "Tony Powell".

Tony Powell, P.Eng.  
CTO & Applications Manager