We offer consulting engineers and their clients the best available technologies for conventional and membrane treatment in one conventional and membrane system.
The best of both worlds

**Broad Treatment Range**

By including membrane systems as a treatment option, we now offer engineers the broadest range of treatment alternatives available from a single source. Tonka Water has significant experience designing and manufacturing filtration, aeration, stripping, flocculation, clarification, and ion exchange equipment for municipalities.

**Best Available Technologies**

The best formula for success in treating particularly challenging waters may be a combination of conventional and membrane treatment equipment combined in a single system. By combining the best available technologies of conventional and membrane treatment systems, Tonka Water offers single-source responsibility for each project.

We’ve been helping clients like you since 1956 through the design and manufacture of municipal water treatment systems. With over 2,200 successful installations, Tonka Water is a recognized leader in the potable water market.

**Common Water Contaminants Chart**

<table>
<thead>
<tr>
<th>Microns (Log Brain)</th>
<th>Ions</th>
<th>Molecules</th>
<th>Particles</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Chlorides</td>
<td>Minerals</td>
<td>Virus</td>
</tr>
<tr>
<td></td>
<td>Acids, Alkalies</td>
<td></td>
<td>Elaborates</td>
</tr>
<tr>
<td>Size of Common Water Contaminants</td>
<td>Brackish Water</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Sulfates</td>
<td>Hardness</td>
<td>Radiant</td>
</tr>
<tr>
<td>Separation Process</td>
<td>Radon</td>
<td>DIB/Coker</td>
<td>Crypto/Giardia</td>
</tr>
</tbody>
</table>

Based on: The Journal of American Water Works Association, November 1989. Scale represents approximate size range. 1 Micron (1x10^-6 meters) = 4x10^-5 Inches.
From One Source

Tonka Water is the one company you will need to work with. This assures that a single manufacturer provides equipment and takes process responsibility. A thorough understanding of membrane pre and post-treatment as well as proper application of membranes is critical to the success of membrane treatment projects. Our conventional and membrane systems provide solutions to the complex issues involved with membrane applications.

The Experience You Need

In 1998 we installed the first conventional and membrane municipal treatment plant in Ohio. Since that time, we have continued to develop our membrane experience, and now offer a complete line of spiral wound membrane systems manufactured by Tonka Water. We have experience with a variety of membrane elements, which can be incorporated into pre-manufactured Tonka Water membrane skids. We can assist with system design, optimization, and trouble-shooting. Our comprehensive piloting services include pre- and post-treatment processes, as well as, the selection of the most suitable membrane type.

Conventional and Membrane Treatment System Schematic
**Meeting Your Changing Needs**

Tonka Water can provide system sizing, chemical feed requirements, and budgetary data based on water quality and treatment goals. Drawings, specifications, and other design data can be provided for any application of Tonka Water products; including membrane treatment.

**TONKA WATER’S FLUX RO/NF™ MEMBRANE SYSTEMS OFFER SOLUTIONS ACROSS THE FULL FILTRATION SPECTRUM**

Nanofiltration for removal of THM precursors, dissolved organics, and softening applications.

Reverse Osmosis for total dissolved solids and inorganic ion removal (nitrate, radium).

**Tonka Water Guarantee**

Tonka Water provides the best custom manufactured water treatment systems in the industry. Our people will deliver excellent service and support for your project from conceptual and cost-effective design, to construction and commissioning; and throughout the system warranty and operational life of the project.

*Thousands of quality water treatment installations since 1956.*