



Saving Communities Through Water Purification Technology

Some of the cities and areas thriving due to groundwater replenishment include:

- Orange County, CA
- Scottsdale, AZ
- Los Angeles County, CA
- San Bernardino County, CA
- Las Vegas, NV
- El Paso, TX
- Peoria, AZ
- Reno, NV
- Glendale, AZ
- Fairfax, VA

For more information and case studies visit purewatermonterey.org



Want a tour of the water purification demonstration facility?

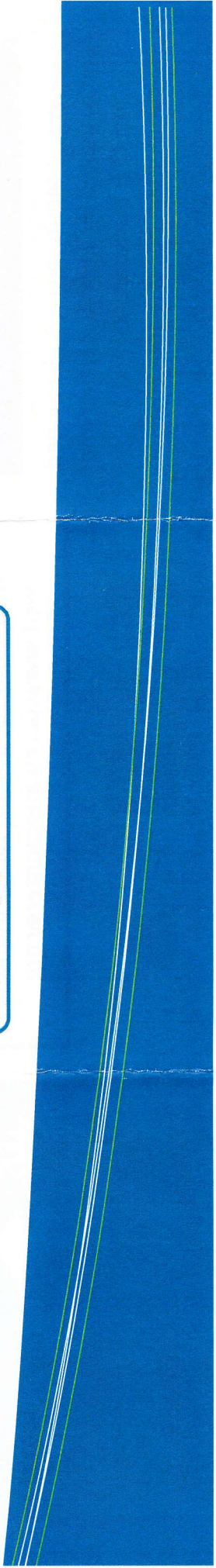
Call Community Relations at (831) 645-4604

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5 Harris Court, Building D
Monterey, CA 93940
T: (831) 372-3367 F: (831) 372-6178
info@purewatermonterey.org



Pure Water Monterey
A Groundwater Replenishment Project

Providing a Safe and Sustainable Water Supply



What is Pure Water Monterey?

Pure Water Monterey is a groundwater replenishment project that will provide a safe, environmentally sustainable and economically responsible water supply for years to come.

Why Pure Water Monterey?

Safety

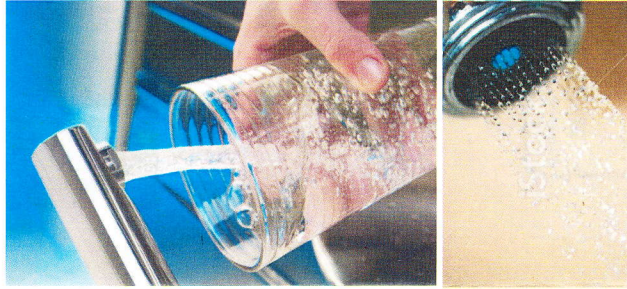
Advanced water purification technology is used throughout the world to provide clean drinking water

Environmentally Sustainable

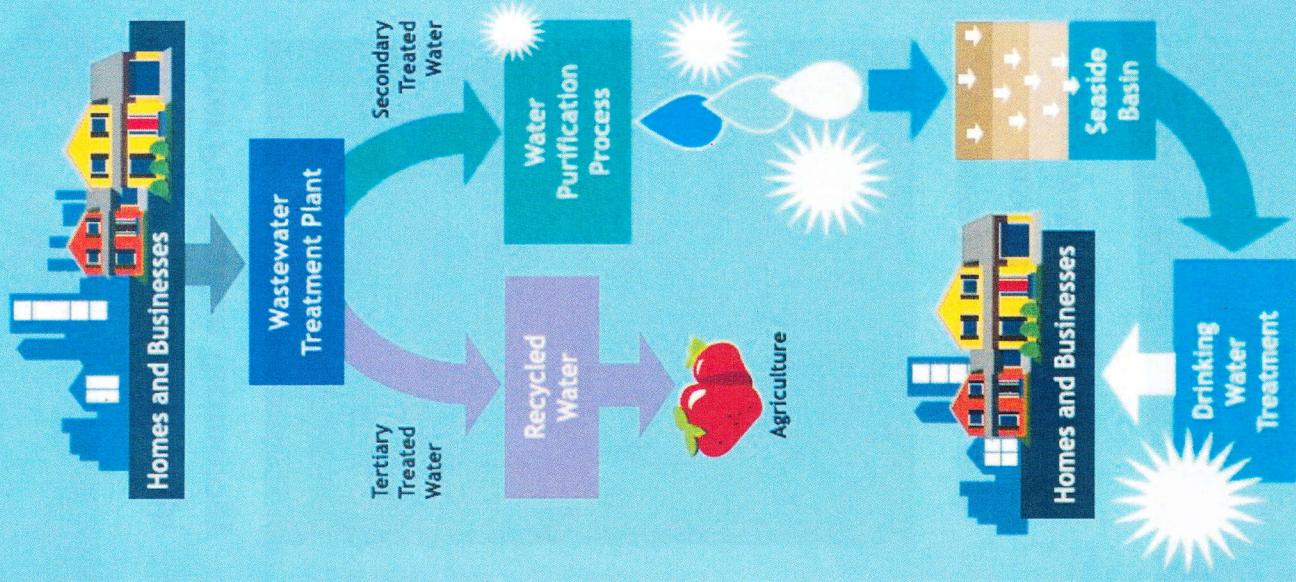
- Minimizes the amount of discharge into the Monterey Bay National Marine Sanctuary
- Uses less energy than desalination
- Will improve water quality in the Seaside Basin
- Protects against seawater intrusion

Economically Responsible

Pure Water Monterey is locally owned and managed by a public partnership insuring transparency and a competitive per acre foot cost



Recycling Our Local Water Sources



To learn more about Pure Water Monterey visit www.purewatermonterey.org



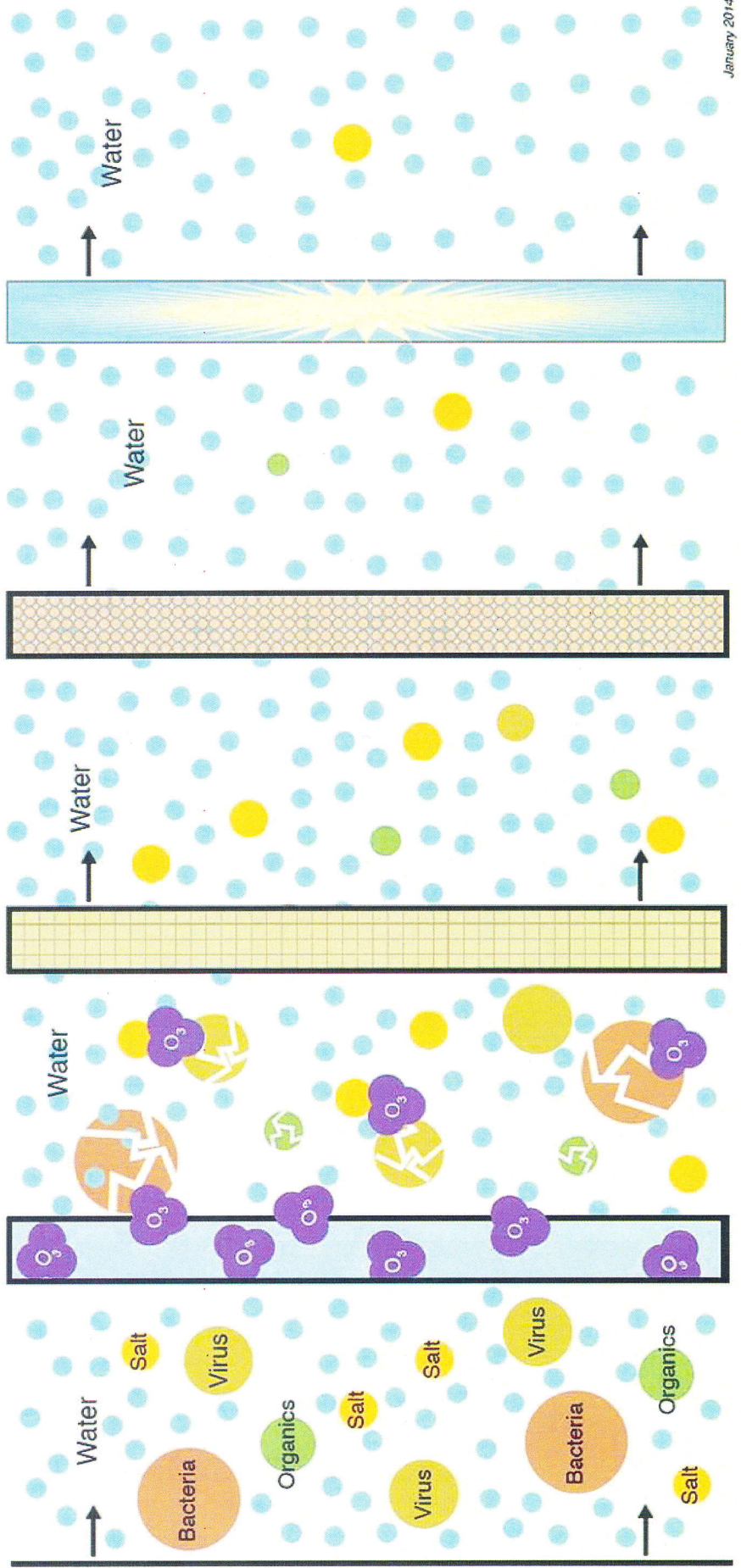


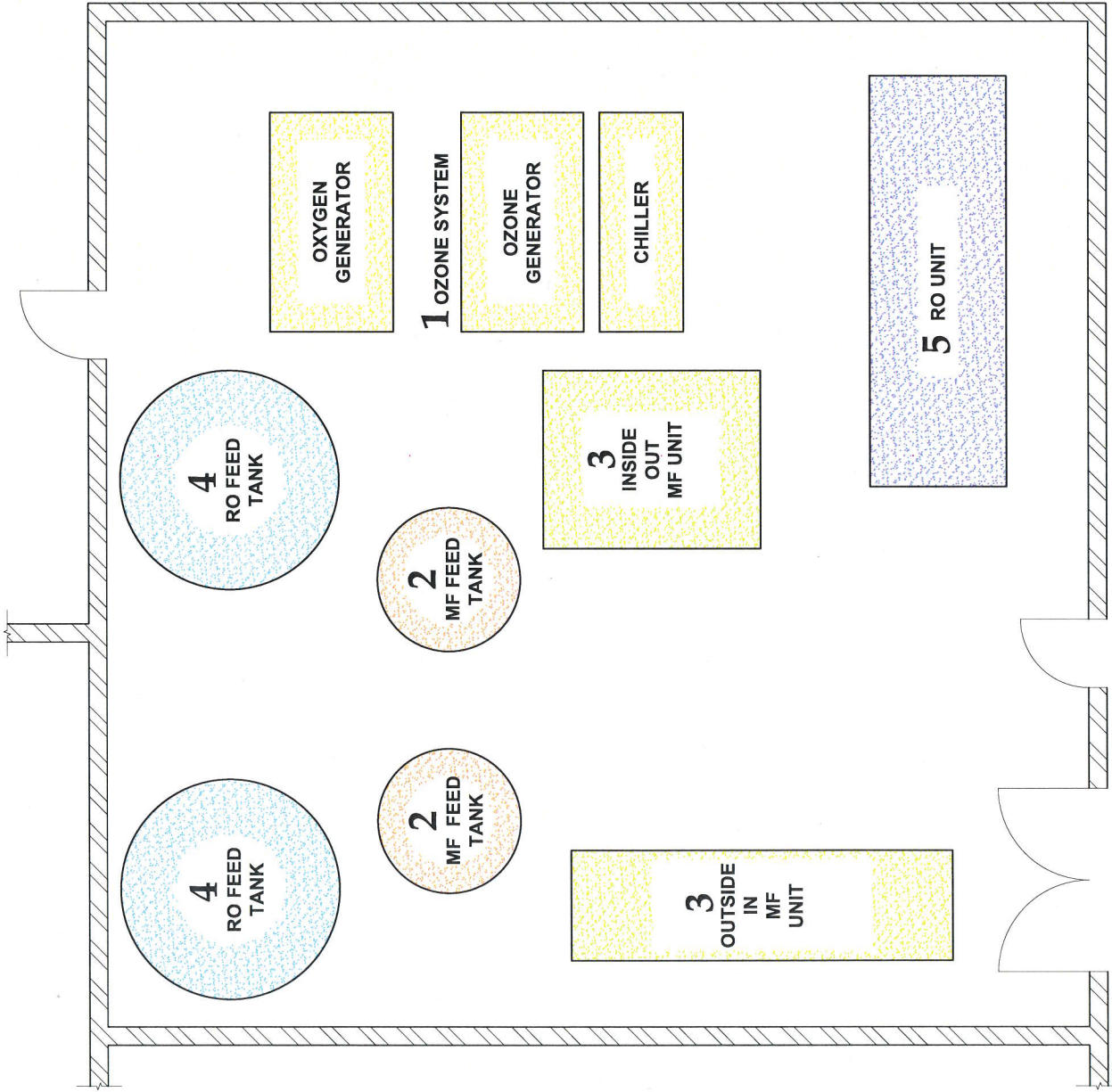
Pure Water Monterey

A Groundwater Replenishment Project

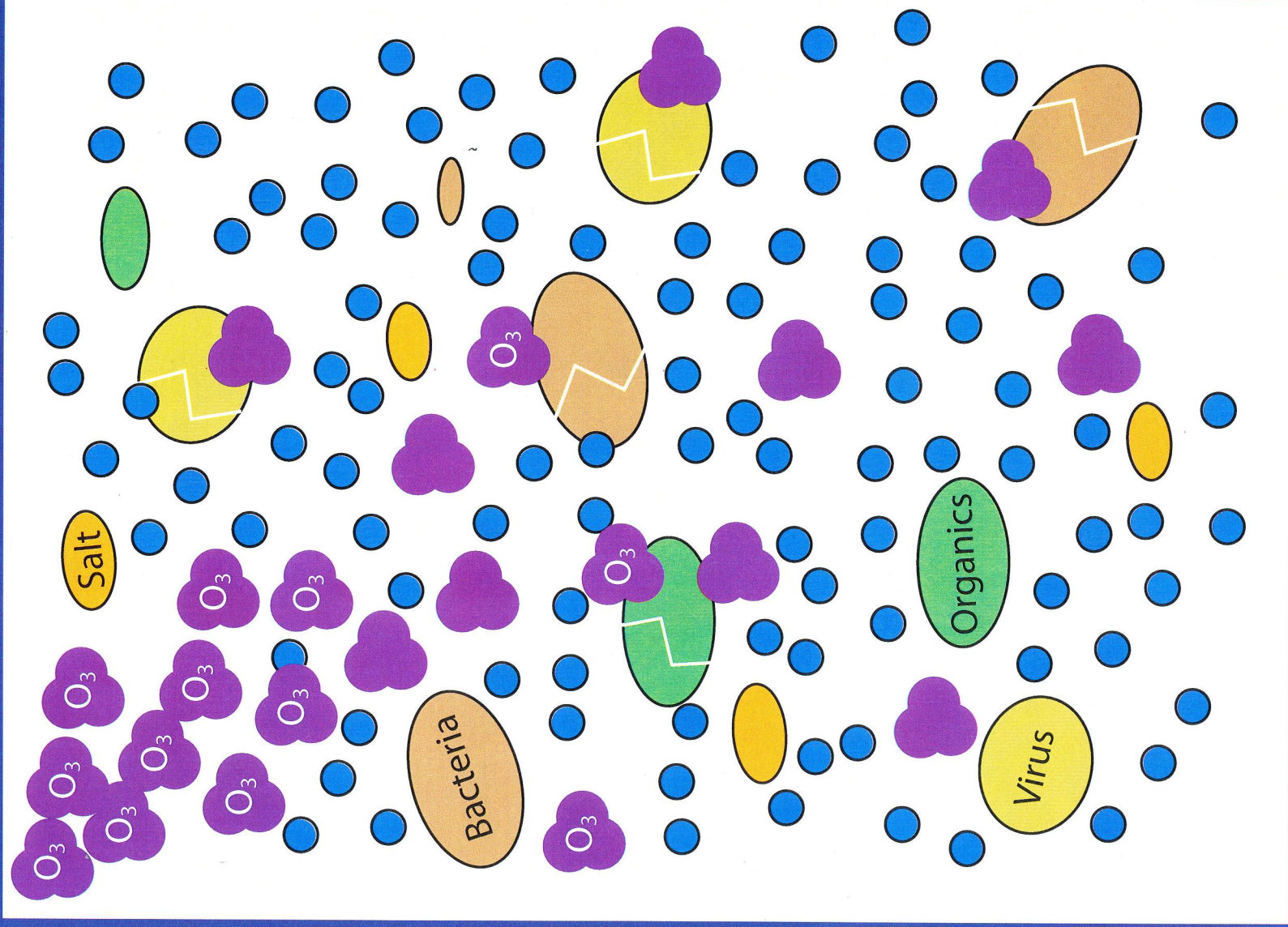
Proposed Water Purification Process

Water Source(s)	Ozone (O ₃)	Membrane Filtration	Reverse Osmosis	UV Disinfection & Hydrogen Peroxide
Includes secondary-treated wastewater and other water sources (to be determined).	When ozone, a powerful disinfectant, is added to the water, it destroys bacteria and other pathogens.	Water is pumped through tiny straw like tubes that filter out contaminants from the water.	Water is forced through membranes under high pressure to remove nearly all remaining impurities.	Hydrogen peroxide is added and reacts with exposure to ultraviolet light, breaking down trace compounds and leaving pure water.



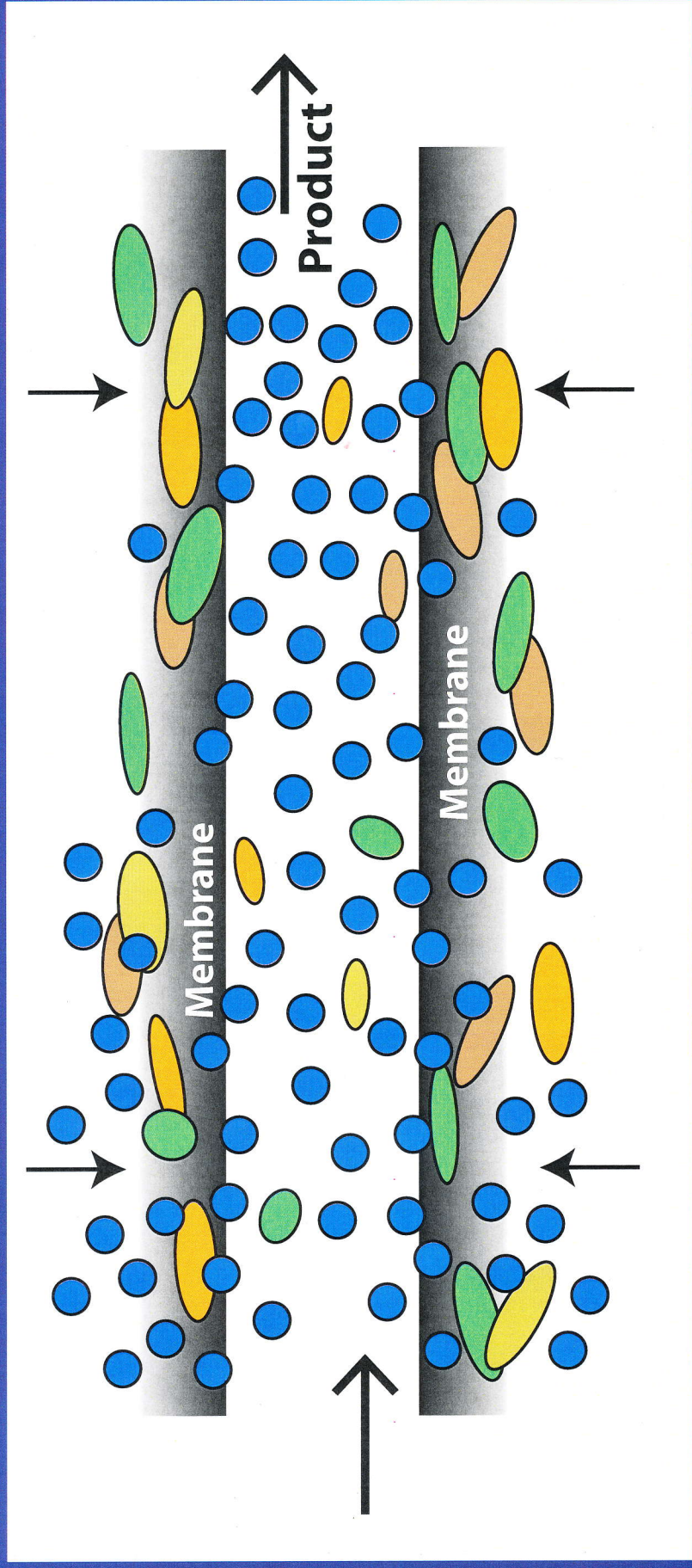


Ozone (O_3) Pretreatment



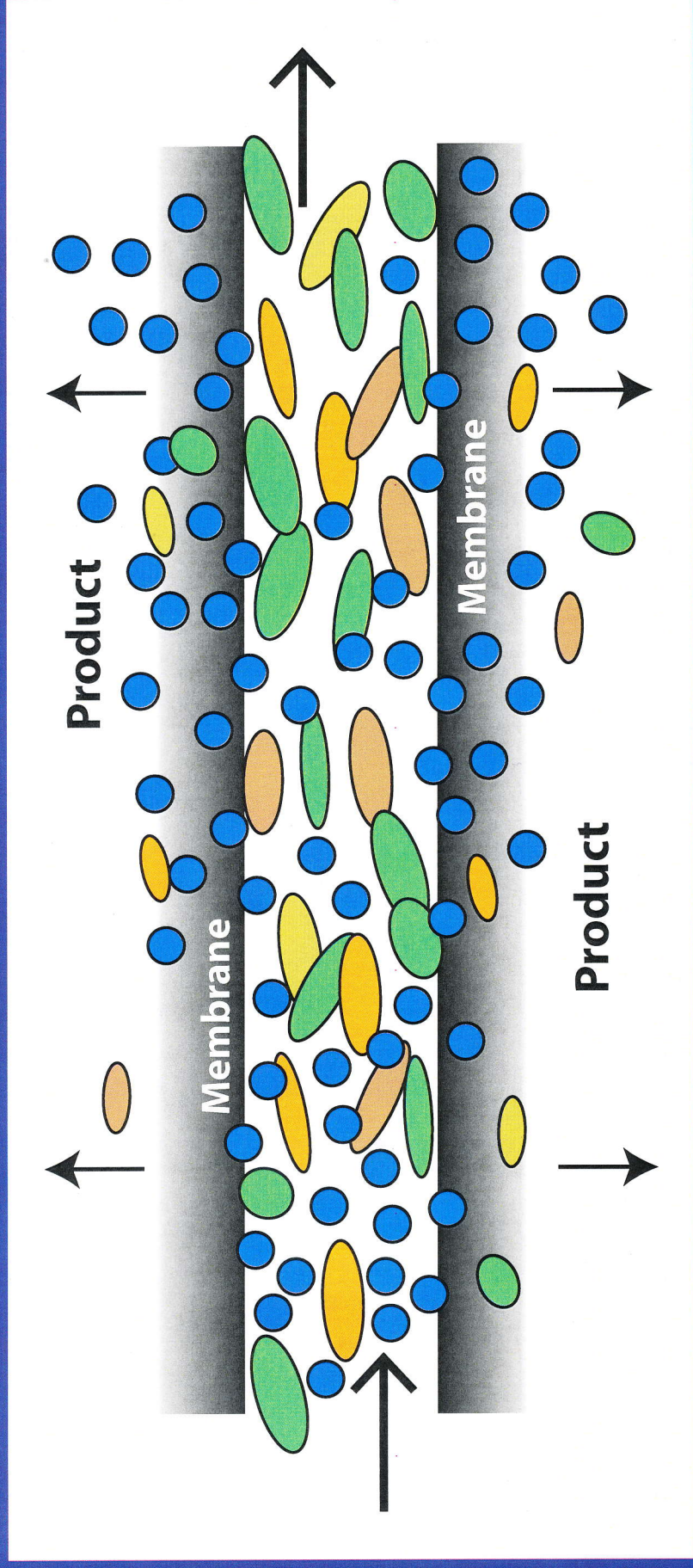
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Membrane Filtration (outside in)



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Membrane Filtration (inside out)



Reverse Osmosis

