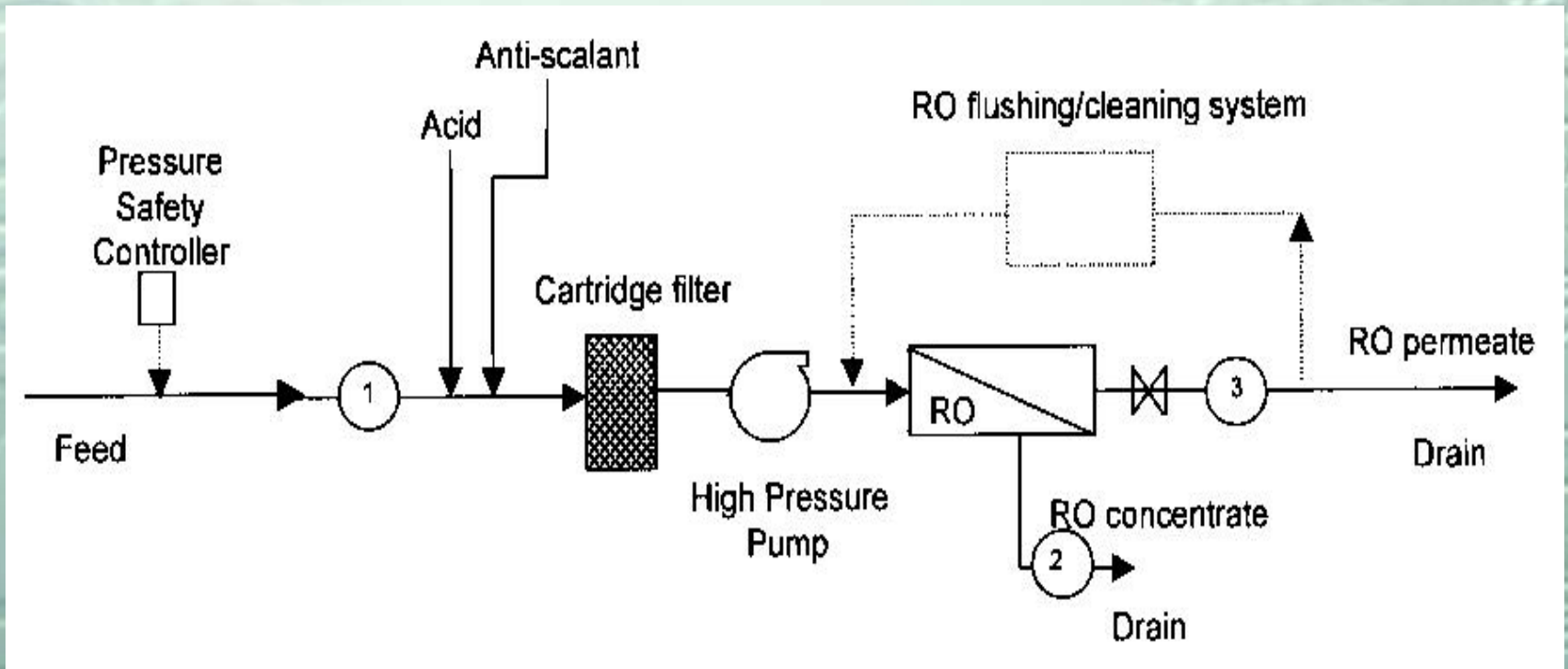


Collaborations

- ❖ Theme : Evaluation of New Generation BWRO Membrane
- ❖ Researchers : William Pearce(City of San Diego), Manish Kumar(MWH)
- ❖ Publication : 2003 American Water Works Association Membrane Technology Conference(March, 2003)
- ❖ Pilot Test Site
 - Richard A. Reynolds Groundwater Demineralization Facility located in National City, CA
 - Above full-scale facility owned and operated by the Sweetwater Authority treats brackish groundwater using two-staged RO and provides a capacity of 4MGD.
- ❖ Test Membranes : ESPA4 by Hydranautics, RE4040-BL by SAEHAN

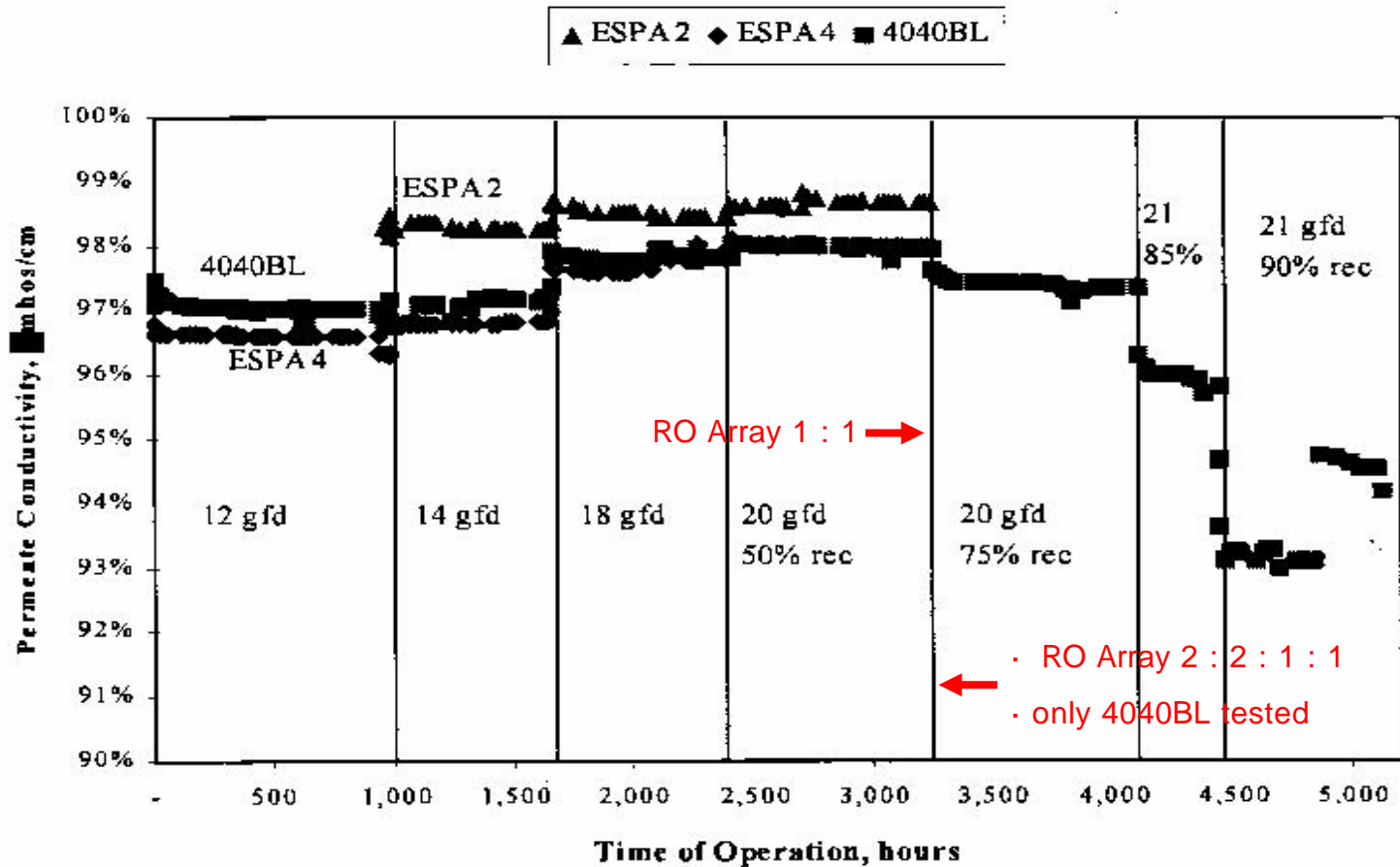
Collaborations

- ❖ Schematic Diagram for Pilot Test
- ❖ RO Array 1 : 1(3elements/vessel) 2 : 2 : 1 : 1(3elements/vessel)



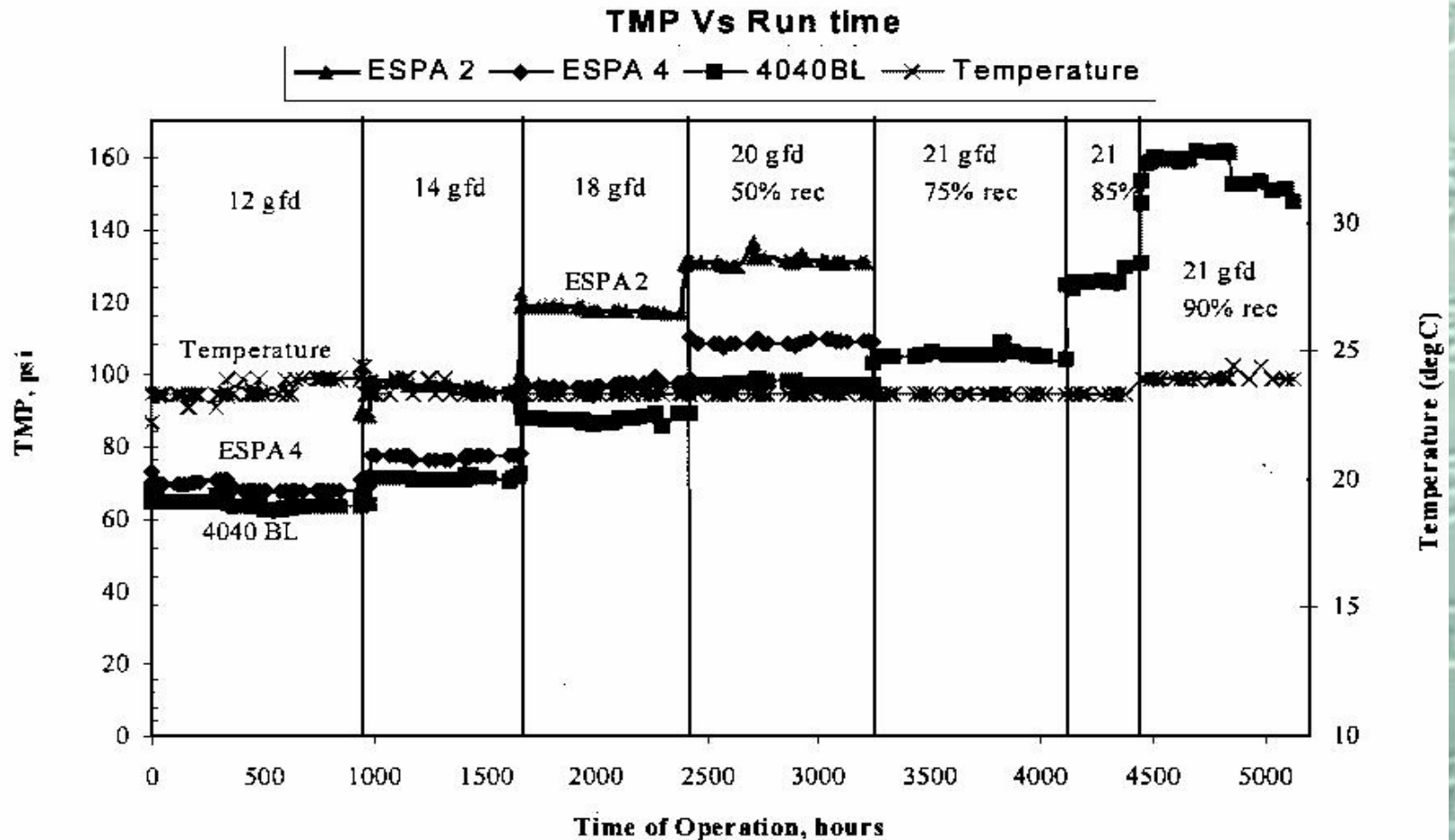
Collaborations

❖ Salt Rejection Results



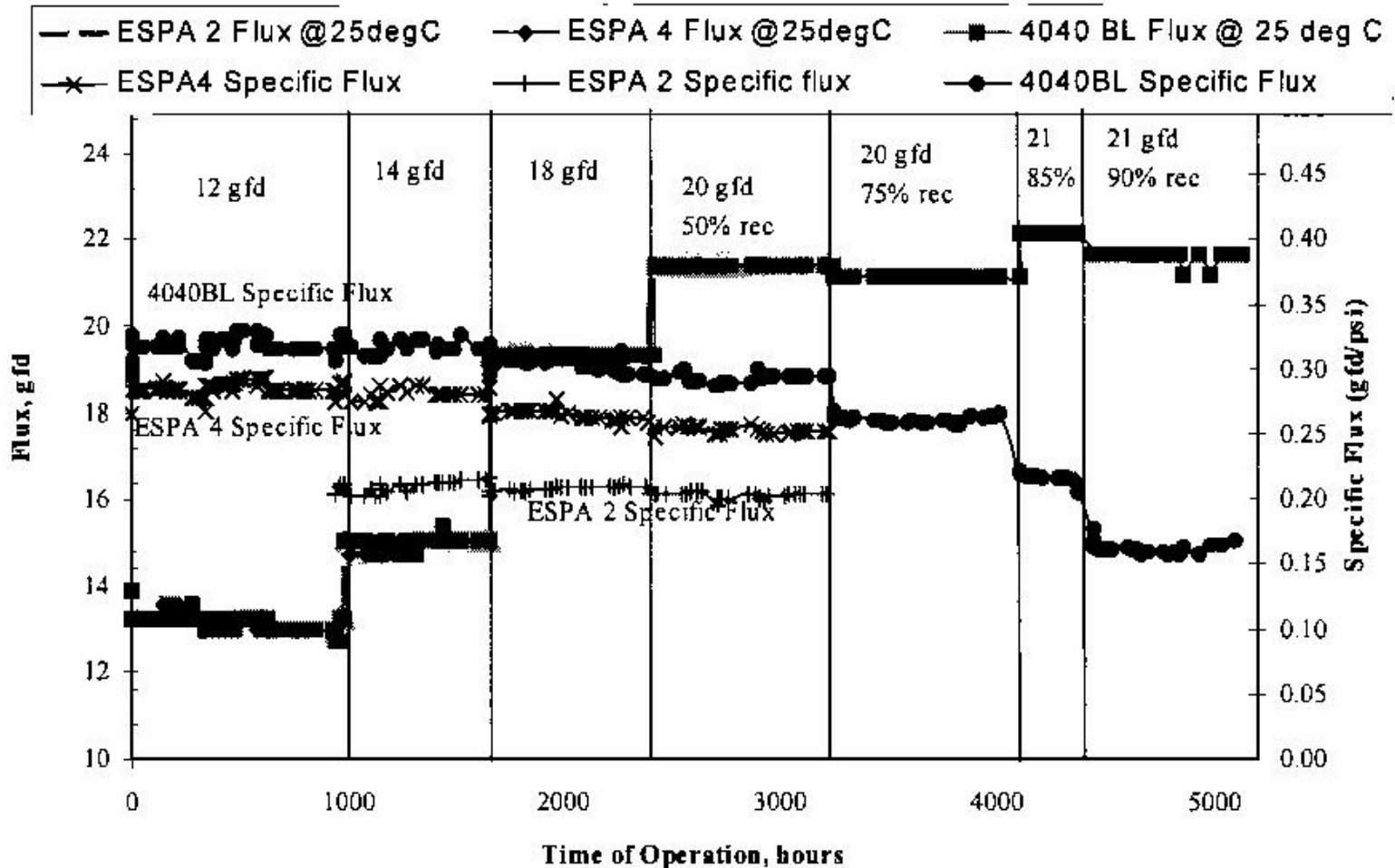
Collaborations

❖ Trans Membrane Pressure Results



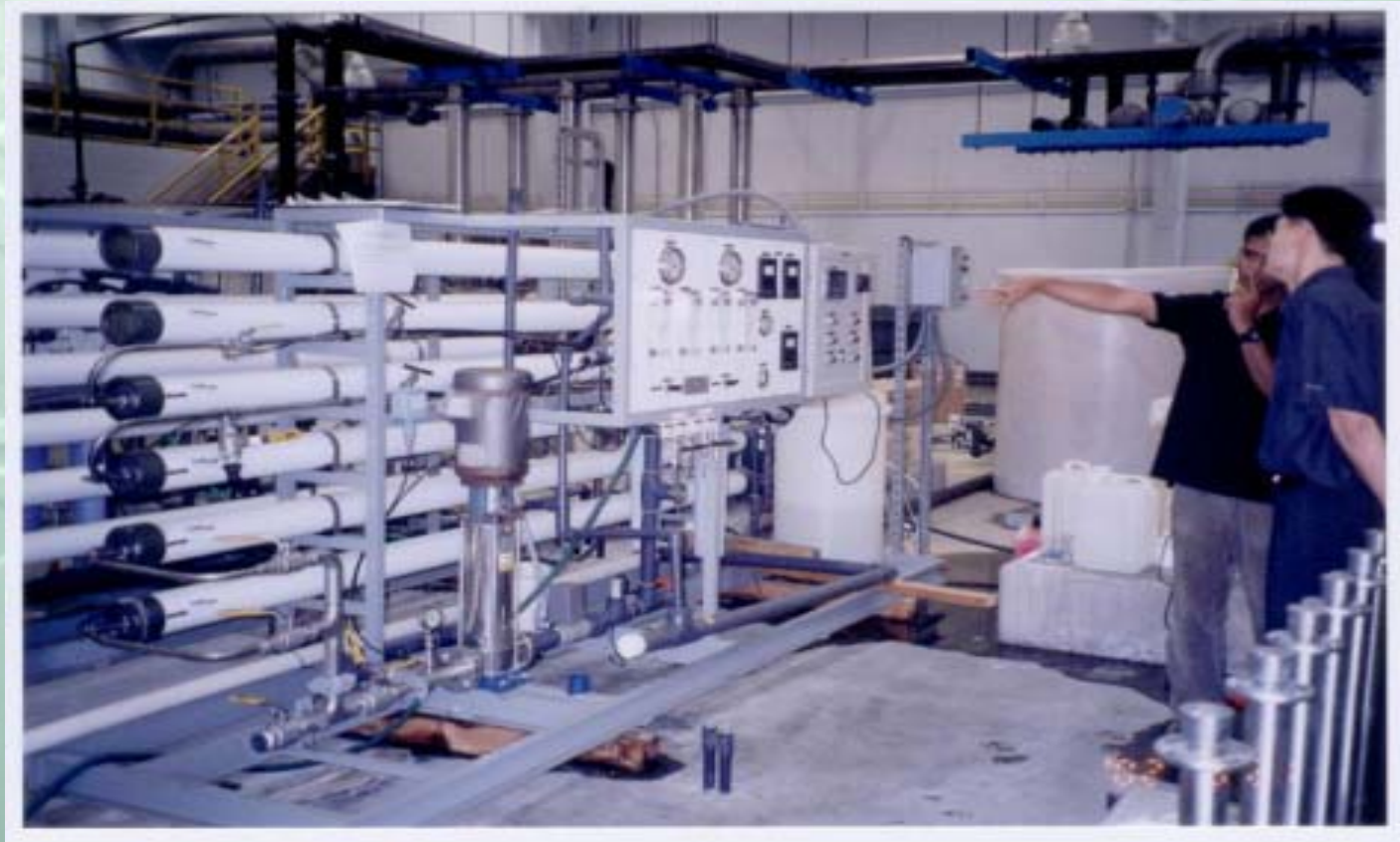
Collaborations

❖ Flux Results



On-Going Pilot Test

❖ Related Photos



On-Going Pilot Test

❖ Related Photos

