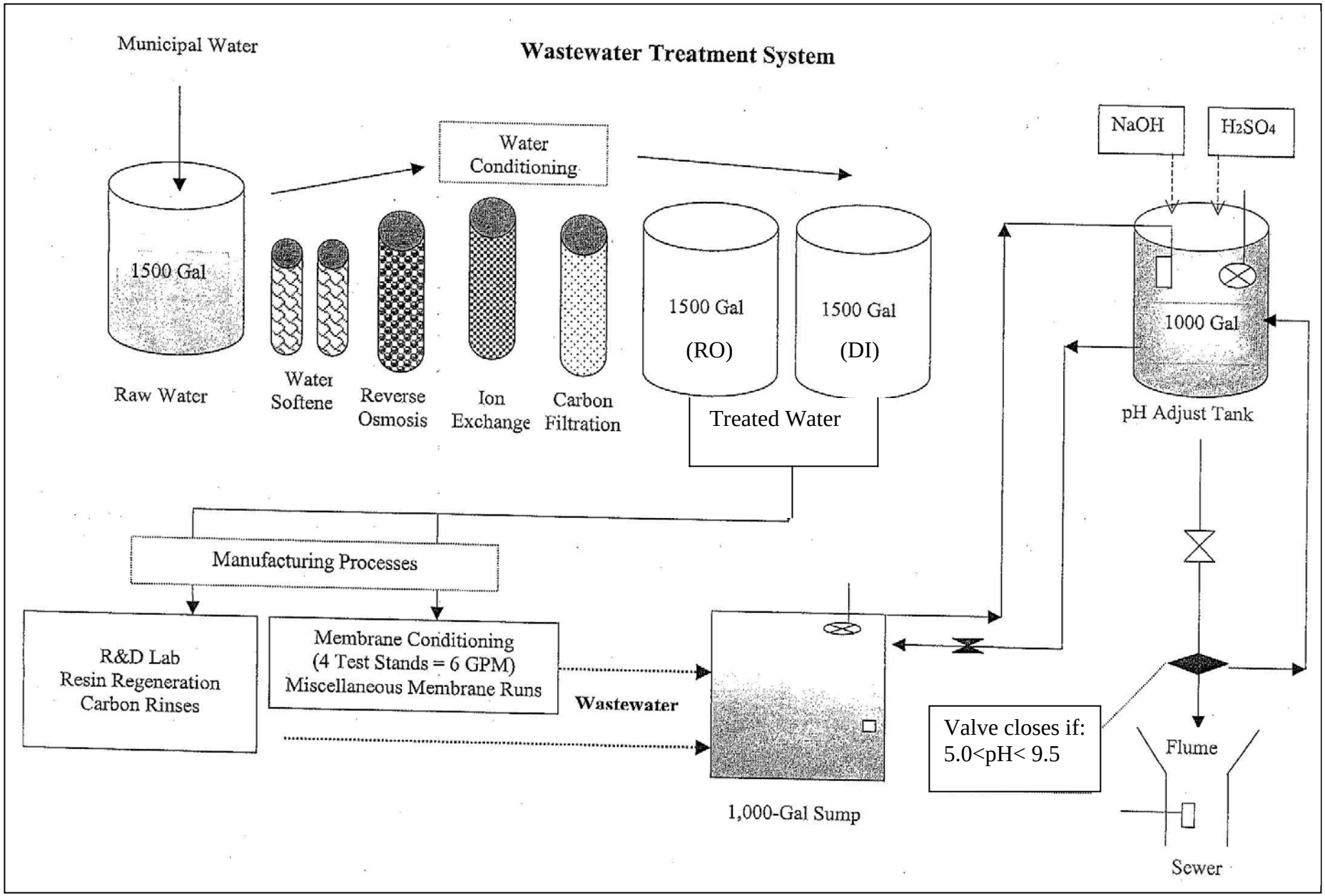
Wastewater Treatment System
Municipal Water
1500 Gal
Raw Water
Water Softene
Reverse Osmosis
Ion Exchange
Carbon Filtration
Water Conditioning
1500 Gal
(RO)
1500 Gal
(DI)
Treated Water
NaOH
H2SO4
1000 Gal
pH Adjust Tank
Manufacturing Processes
R&D Lab
Resin Regeneration
Carbon Rinses
Membrane Conditioning
(4 Test Stands = 6 GPM)
Miscellaneous Membrane Runs
Wastewater
1,000-Gal Sump
Valve closes if:
5.0<pH< 9.5
Flume
Sewer