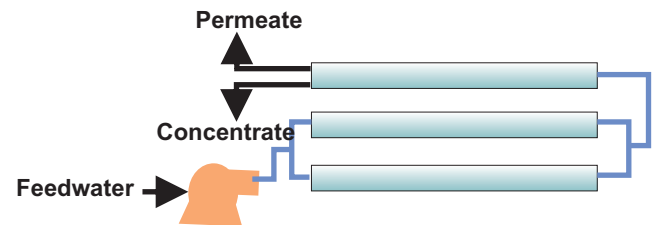


RO DECHLORINATION

OPTION	NOTES
SULFITE	SULFITE 1.77 (4.5)PPM/PPM CL2 BISULFITE 1.46 (3.5) METABISULFITE .7 (2.0) *
	CAN USE ORP CONTROL TO CONTROL FEED OF SULFITE
	CAN PROMOTE ANAEROBIC ORGANISMS AFTER FEED
ACTIVATED CARBON	BECAUSE CHLORINE IS REMOVED IN TOP OF BED MICRO ORGANISM GROWTH COMMON IN LOWER BED
	ORGANICS SUCH AS TRIHALOMETHANES WILL BEGIN TO "SHED" AS AC CAP. IS USED
	SIZING MOST OFTEN BASED ON ORGANIC LOADING RATHER THAN CHLORINE/CHLORAMINE LOADING
UV DECHLOR	185 NM UV WAVELENGTH CAN BREAKDOWN CHLORINE AND CHLORAMINES IN RO FEED
	TYPICALLY OVERSIZED DUE TO SUSPENDED SOLIDS AND ORGANICS IN FEEDWATER
	ADVANTAGE OF PROVIDING ADDITIONAL UV STERILIZATION AFTER DECHLORINATION



*FOR SULFITE PRODUCTS PPM DOSAGE PER PPM CHLORINE THEORETICAL (SAFETY DOSE)