

**Table E-4**  
**Constituent Concentrations Hyperfiltration Reject Wastwater - predicted values**

CONSTITUENT	RO brine (1)
TDS (mg/L)	32,700
CHLORIDE (mg/L)	14,522
CALCIUM (mg/L)	1,778
STRONTIUM (mg/L)	662
SULFATE (mg/L)	199
NITRATE (mg/L - N)	159
BARIUM (mg/L)	5
FLUORIDE (mg/L)	ND
LEAD (mg/L)	0.5
IRON (mg/L)	0.1
BORON (mg/L)	5
MAGNESIUM (mg/L)	542
MANGANESE (mg/L)	4
POTASSIUM (mg/L)	129
SODIUM (mg/L)	8,112
ANTIMONY (mg/L)	0.038
ARSENIC (mg/L)	0.055
CHROMIUM (mg/L)	0.026
COBALT (mg/L)	0.019
COPPER (mg/L)	0.028
MERCURY (mg/L) <sup>(1)</sup>	0.00260
MOLYBDENUM (mg/L)	0.327
ZINC (mg/L)	11.2
RADIUM 226 (pCi/L)	4.55
RADIUM 228 (pCi/L)	62.8
URANIUM 234 (pCi/L)	25
URANIUM 235 (pCi/L)	1.0
URANIUM 238 (pCi/L)	20
THORIUM 228 (pCi/L)	2.4
THORIUM 230 (pCi/L)	0.52
THORIUM 232 (pCi/L)	0.1
GROSS ALPHA (pCi/L)	477
GROSS BETA (pCi/L)	587

1) Based on average flow rates.

ND - non-detect

mg/L = Milligrams per liter

pCi/L = Picocuries per Liter