

Table E4
Constituent Concentrations Hyperfiltration Reject Wastewater - predicted values

CONSTITUENT	RO brine
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)	0
LEAD (mg/L)	1
IRON (mg/L)	0
BORON (mg/L)	5
MAGNESIUM (mg/L)	513
MANGANESE (mg/L)	4
POTASSIUM (mg/L)	122
SODIUM (mg/L)	7,673
ANTIMONY (mg/L)	0.03611
ARSENIC (mg/L)	0.05182
CHROMIUM (mg/L)	0.02474
COBALT (mg/L)	0.01747
COPPER (mg/L)	0.02651
MERCURY (mg/L) ⁽¹⁾	0.00243
MOLYBDENUM (mg/L)	0.30960
ZINC (mg/L)	10.61093
RADIUM 226 (PiC/L)	4.29936
RADIUM 228 (PiC/L)	59.41007
URANIUM 234 (PiC/L)	24
URANIUM 235 (PiC/L)	1
URANIUM 238 (PiC/L)	19
THORIUM 228 (PiC/L)	2
THORIUM 230 (PiC/L)	0
THORIUM 232 (PiC/L)	0
GROSS ALPHA (PiC/L)	451
GROSS BETA (PiC/L)	555

(1) Only wells with detection presented in the table above were analyzed for mercury at ppt level.