

Table OP-5 Estimated Water Quality of the Storage Ponds

Analyte	Estimated Range (mg/l)	
	Low	High
Major Constituents		
Aluminum	ND	0.2
Ammonia as Nitrogen	ND	4
Bicarbonate as HCO ₃	1,200	2,500
Calcium	50	300
Carbonate as CO ₃	ND	25
Chloride	200	1,000
Magnesium	4	50
pH	7	9
Potassium	10	200
Ra-226 (pCi/l)	200	1,500
Silica	14	20
Sodium	150	2,000
Sulfate	50	500
TDS	1,600	6,500
Uranium as U ₃ O ₈	1	15
Trace Parameters	Low	High
Arsenic	0.002	0.020
Barium	ND	ND
Boron	ND	ND
Cadmium	ND	ND
Chromium	ND	ND
Copper	ND	ND
Fluoride	0.2	0.5
Lead	ND	ND
Manganese	0.04	0.5
Mercury	ND	ND
Molybdenum	ND	ND
Nickel	ND	ND
Selenium	0.01	0.2
Vanadium	ND	0.01