

# Appendix A

PRELIMINARY RESULTS TABLE STORAGE STANDARDS FOR MIW STORED IN NONJURISDICTIONAL IMPOUNDMENTS		
PARAMETER	Units	MIW STORAGE STANDARDS FOR NONJURISDICTIONAL IMPOUNDMENTS
Alkalinity	mg/L	Minimum of 20 mg/L
Aluminum	mg/L	0.2
Ammonia	mg/L	1.0
Arsenic	µg/L	10.0
Barium	mg/L	2.0
Bromide	mg/L	0.2
Cadmium	µg/L	5.0
Chloride	mg/L	250
Chromium	µg/L	100
Copper	mg/L	1.0
Iron	mg/L	0.3
Lead	µg/L	15
Manganese	mg/L	0.5
Nickel	µg/L	470
pH		6.5-8.5
phenol	µg/L	5.0
Selenium	µg/L	50
Specific Conductance (Conductivity)	µmho/cm	1,000
Sulfate	mg/L	250
TDS	mg/L	500
TSS	mg/L	45
Zinc	mg/L	5.0

Note 1: The above maximum concentrations are standards to qualify for storage in nonjurisdictional impoundments. These are standards for storage, not the level of treatment that may be considered necessary by operators for use of MIW in the well development process for a particular well site. Additional requirements for storage in special protection (HQ and EV) watersheds may be applicable.

Note 2: All metals reported as Total.