

Table D6-3 Historic Water Quality Results for Battle Spring from the Sweetwater Mill Permit Application *

Battle Spring						
Sample Date	July 18-20, 1974	April 29, 1975	June 20-23, 1975	August 21-28, 1975	October 3-6, 1975	July 30, 1976
Sodium (mg/L)	116					
Potassium (mg/L)	8					
Calcium (mg/L)	23					
Magnesium (mg/L)	5					
Sulfate (mg/L)	130					
Chloride (mg/L)	18					
Carbonate (mg/L)	0					
Bicarbonate (mg/L)	220					
TDS (mg/L)	276					
pH (SU)	9.5					
Gross Alpha (pCi/L)				156 ± 34		
Gross Beta (pCi/L)				90.3 ± 8.8		
Th-230 (pCi/L)				3.34 ± 0.43		
Ra-226 (pCi/L)				33.5 ± 1.1		
Sr-90 (pCi/L)				1.5 ± 0.6		
Uranium (mg/L)	0.006	0.153	0.153	0.289	0.95	0.5

* (Shepherd and Miller, 1994)