

## Mine Water Consumption

**Table 1**  
**Waste and Ore Pile Consumption (Monthly)**

Phase	Production Rate		Moisture Content (percent)	Monthly Water Usage (gal)
	Ore (tpd)	Waste Rock (tpd)		
Initial Development	100	275	8.5	160,015
Full Production	200	550	8.5	320,030

**Table 2**  
**Atmospheric Consumption (Monthly)**

Phase	Air Circulation Rate (cfm)	Increased Water Content <sup>1</sup> (lb/ft <sup>3</sup> )	Monthly Water Usage (gal)
Initial Development	100,000	0.0002	105,484
Full Production	200,000	0.0002	210,969

<sup>1</sup> Based on an average increase of 30% water saturation level at 7,000-foot elevation.

**Table 3**  
**Annual Water Use**

Phase	Waste/Ore Pile Usage (ac-ft)	Atmospheric Usage (ac-ft)	Total Consumption (ac-ft)
Initial Development	5.9	3.9	9.8
Full Production	11.8	7.8	19.6

**RECEIVED**  
SEP 08 2008  
WATER RIGHTS  
SALT LAKE

**RECEIVED**  
SEP 02 2008  
WATER RIGHTS  
PRICE

**SCANNED**