Revised (PR-11, 2022) Estimate of Annual Use and Evaporative Loss of Surface Waters Discharged From Trapper Mine

Evaporative Depletion From Impoundments

	Assume annual evaporative loss is 24 inches. 41 existing sediment ponds average 0.63 acres surface area at high water mark = 41 * 0.63 ac * 2' Coyote Dam @ high water mark = 1* 12.00 ac * 2' Future life-of-mine sediment ponds = (3 * .68) ac * 2' Existing stock ponds (55) @ average 0.13 ac = 55 * 0.13 ac * 2' Future life-of-mine stock ponds (10) = 10 * 0.13 ac * 2'	= = = = Total =	51.66 ac-ft 24.00 ac-ft 4.08 ac-ft 14.30 ac-ft 2.60 ac-ft 96.64 ac-ft
Depletion Due to Road Watering			
ο	Average annual quantity used for road watering.	Total =	123.79 ac-ft
		Total Estimated Depletion = -	96.64 ac-ft 123.79 ac-ft 220.43 ac-ft
Augmentation Due to Deep Wells/Pit Pumpage			
0 0 0	Assume 10% of pit water originates from surface runoff. Average annual Trapper well dewatering. Average annual Trapper pit dewatering = 44.30 * 0.9	= = Total Augmentation =	37.06 ac-ft 39.87 ac-ft 76.93 ac-ft
Total Adjusted Depletion Due to Mining - 2022 Estimate (PR-11): - -		220.43 ac-ft -76.93 ac-ft 143.50 ac-ft	
Total Adjusted Depletion Due to Mining - 2012 Estimate (PR-07):*			160.10 ac-ft

*Highest previous value.