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

Evaporative Depletion From Impoundments

0	Assume annual evaporative loss is 24 inches.		
0	surface area at high water mark = 40×0.63 ac $\times 2^{\circ}$	=	50.40 ac-ft
0	Covote Dam @ high water mark = 1^* 12 00 ac * 2'	=	24 00 ac-ft
0	Future life-of-mine sediment ponds = (3 * .68) ac * 2'	=	4.08 ac-ft
0	Existing stock ponds (55) @ average 0.13 ac = 55 * 0.13 ac * 2'	=	14.30 ac-ft
o	Future life-of-mine stock ponds (10) = 10 * 0.13 ac * 2'	=	2.60 ac-ft
		Total =	95.38 ac-ft
Depletic	on Due to Road Watering		
	<u> </u>		
ο	Average annual quantity used for road watering.	Total =	123.79 ac-ft
		Total Estimated Depletion =	95.38 ac-ft
		·	123.79 ac-ft
		-	219.17 ac-ft
Augmentation Due to Deep Wells/Pit Pumpage			
0	Assume 10% of pit water originates from surface runoff.		
0	Average annual Trapper well dewatering.	=	37.06 ac-ft
o	Average annual Trapper pit dewatering = 44.30 ° 0.9	=	36.34 ac-ft
		rotar Augmentation =	73.40 ac-it
Total Adjusted Depletion Due to Mining - 2022 Estimate (PR-11):		219.17 ac-ft	
	· · · · · · · · · · · · · · · · · · ·		-73.40 ac-ft
		_	145.77 ac-ft
		_	
Total Ac	ljusted Depletion Due to Mining - 2012 Estimate (PR-07):*	=	160.10 ac-ft

*Highest previous value.