

Jericho - PKCA Concentration Sensitivity to Pond Discharges

Case #	Source Concentration	Area Discharge Directed to PKCA ?			Maximum Concentrations (mg/L)				Average PKCA Annual Release (m3)
		Area A	Area B	Area C	TDS	TCu	TNi	TU	
Base Case	Average Maximum	Yes	Yes	Yes	1074	0.0202	0.0423	0.1225	484,000
		Yes	Yes	Yes	1635	0.0206	0.0625	0.6827	
1	Average Maximum	No	No	Yes	1382	0.0040	0.0569	0.0572	309,000
		No	No	Yes	1957	0.0048	0.0723	0.0681	
2	Average Maximum	Yes	Yes	No	434	0.0253	0.0182	0.1240	366,000
		Yes	Yes	No	877	0.0256	0.0483	0.8533	
3	Average Maximum	No	No	No	359	0.0040	0.0188	0.0208	191,000
		No	No	No	708	0.0046	0.0513	0.0209	

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- 1) The inclusion or exclusion of discharge from a given area is assumed to apply for the entire operating period.
- 2) The "Average PKCA Annual Release" volume is the average over years 2006 to 2013 (operating years).
- 3) All other conditions per Base Case site water balance model presented in Tech Memo W.