

Table 2
Scenario 1
119,000 AF TMWA Demand (TROA)
6,700 AF - Two STM Treatment Plants
7,600 AF Effluent Reuse

	Main Stem Truckee River (AF)	Tributary Water Rights (AF)	Total Water Rights (AF)
Water Rights Needed to Reach 119,000 AF TMWA M&I Demand [1]			
Total Main Stem Rights Required	93,550		
Less TMWA Commitments	-51,206		
Less TMWA Water Rights in Reserve	-5,970		
Subtotal	36,374	0	
Additional Water Rights Needed for Non-M&I purposes and STM Treatment Plants			
Water Quality Settlement Agreement purchases [2]	2,900	0	
Effluent Return Flow Component (7,600 AF Reuse) [3]		0	
TROA		6,700	
Tributary Rights Needed for STM Treatment Plants (also available to meet other purposes)		16,857	
Subtotal	2,900	23,557	
Total Water Rights Required	39,274	23,557	62,831
Notes:			
1. Main Stem Rights Requirement based on TMWA letter to BOR dated 12 March 2003: "TROA EIS Planning Assumptions"			
2. Estimate of Water Rights Requirement for WQSA provided by Don Mahin 02/2004			
3. Under this scenario, effluent reuse is limited to the amount of effluent that can be used without dedicating additional water rights.			