

Table 5
Scenario 4
119,000 AF TMWA Demand (TROA)
6,700 AF - Two STM Treatment Plants
15,210 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 (15,210 AF Reuse) [3]		7,550	
TROA		6,700	
Tributary Rights Needed for STM Treatment Plants (also available to meet other purposes)		16,857	
Subtotal	2,900	31,107	
Total Water Rights Required	39,274	31,107	70,381
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. 15,210 AF of Reuse Demand to meet TMWRF requirements, Carollo Engineers, 15 April 2002			
"Projected Wastewater Flow, Water Reuse Demand, and Total Nitrogen Loading"			