

**Table 4**  
**Scenario 3**  
**119,000 AF TMWA Demand (TROA)**  
**6,700 AF - Two STM Treatment Plants**  
**10,880 AF Effluent Reuse**

	Main Stem Truckee River (AF)	Tributary Water Rights (AF)	Total Water Rights (AF)
<b>Water Rights Needed to Reach 119,000 AF TMWA M&amp;I Demand [1]</b>			
Total Main Stem Rights Required	93,550		
Less TMWA Commitments	-51,206		
Less TMWA Water Rights in Reserve	-5,970		
<b>Subtotal</b>	<b>36,374</b>	<b>0</b>	
<b>Additional Water Rights Needed for Non-M&amp;I purposes and STM Treatment Plants</b>			
Water Quality Settlement Agreement purchases [2]	2,900	0	
Effluent Return Flow Component (10,880 AF Reuse) [3]		3,224	
TROA		6,700	
Tributary Rights Needed for STM Treatment Plants (also available to meet other purposes)		16,857	
<b>Subtotal</b>	<b>2,900</b>	<b>26,781</b>	
<b>Total Water Rights Required</b>	<b>39,274</b>	<b>26,781</b>	<b>66,055</b>
<b>Notes:</b>			
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. See 2005-2025 TMWA Water Resource Plan, March 2003, pg 107			