

Table 1

**DRAFT**

Policy Issues										TAG and Staff evaluation of impact on Sustainability Indicators / Undesirable Results																																																																																				
Projects by Basin					Sponsoring Agency					In lieu to specific areas focused on aquifers/pumpers vs. recharge					Water Purchases/Imported					Allocation Purchases - Following vs In-lieu water purchase					Type of Project					Water Supply Source					Annual Increase in Sustainable Yield (AFY)					Proposed Project Groundwater Extractions (AFY)					Replaces Import water (per subunit)					Associated with credit program to pump Groundwater					Total Capital Cost/ Project Cost to Bring On Line					Annual Operations and Maintenance Cost					Funding Sources					Chronic Lowering of Groundwater Levels					Reduction of Groundwater Seawater Infiltration					Degraded Water Quality					Land Subsidence					Depletions of Interconnected Surface Waters (Combination of subunit, TAG and staff notes)				
Basin	Project	Agency	Recharge	Allocation	Type	Annual Increase	Extractions	Replaces	Associated	Total	Annual	Funding	Chronic	Land	Depletions	Notes																																																																														
Las Posas Valley Basin	Purchase of Imported Water from Calleguas Municipal Water District (CMWD) for Basin Replenishment	CMWD	In-lieu	Import	WS	Imported Water	No limit most years			Part of CMWD rate	Depends on quantity (\$1,528 per AF (2018))	Replenishment Fee	+	+	+	Only available to big water systems / suppliers within CMWD annex area. Tier 2 rate will apply if Tier 1 volume is exceeded.																																																																														
	Arroyo Las Posas Arundo Removal	The Nature Conservancy (TNC)	Recharge		WS	Avoided Evapotranspiration (ET)	up to 2,680			\$7.4 million (\$300 per AF over 25 yrs)	approx. \$200 per AF	FCGMA and Habitat Grants	+	+	+	Estimates of arundo evapotranspiration rates vary widely.																																																																														
	Arroyo Las Posas Water Acquisition	The Nature Conservancy ("May be more appropriate to co-sponsor with the FCGMA")	Recharge	Surface water/ Imported	WS	Avoid loss of inflow to basin	approx. 8,000			\$0	To be negotiated	FCGMA and Habitat Grants	+	+	+	Simi has a minimum discharge requirement. Volumes are based on water in excess of minimum required discharge. Care must be taken not to double count minimum required discharge when evaluating Sustainable Yield.																																																																														
Oxnard Subbasin																																																																																														
Projects related to the GREAT Program																																																																																														
	GREAT Program Advanced Water Purification Facility (AWPF)	City of Oxnard	In-lieu and/or recharge	Advanced treated water	WS	New recycled water	4,600 available for SY	Yes <sup>1</sup>	Yes	\$90 to \$100 million (\$3,100 per AF)	\$8 million (\$400 per AF)	City Bonds /Federal Grants	+	+	+	Treated wastewater for irrigation. Agricultural users that receive treated water and document that it replaced groundwater extraction generate credits for the City to pump groundwater to replace water delivered.																																																																														
	GREAT Program AWPF Expansion	City of Oxnard	In-lieu	Advanced treated water	WS	New recycled water	6,000 available for SY	Yes <sup>1</sup>	?	\$16.6M (\$1,900 per AF)	\$440 per AF	TBD	+	+	+																																																																															
	Riverpark-Saticoy GRRP Recycled Water Project	United Water Conservation District (UWCD)	Recharge	Advanced treated water	Infrastruct. & WS	New recycled water	5,000+ from AWPF			\$6.4 million (approx. \$30 per AF)	\$5 to 7.5 million (approx. \$1,000 to 1,500 per AF)	UWCD Zone B or FCGMA	+	+	+	Recharge City of Oxnard's recycled AWPF water in UWCD's Saticoy basins. The estimated \$30/AF for capital costs is based on 4,500 AFY over 50 years to pay for the estimated \$6M in construction costs (pipeline and lift stations). The Annual O&M Cost includes an estimate of the cost to obtain water of \$900/AF.																																																																														
Other Projects																																																																																														
	Freeman Expansion Project	UWCD	In-lieu and/or recharge	Surface water	WS	Santa Clara River <sup>2</sup>	7,400			\$31 million (\$4185 per AFY)	\$700,000 (\$95 per AF)	Rate Payers, Grants	+	+	+	Avoid loss of water supply.																																																																														
	Temporary Agricultural Land Following Project	Oxnard/ PV Ag Owners, Inc.	Recharge	Allocation	MA	Avoid pumping	TBD- modeling needed			\$0	\$1,200 to \$1,800 per AF	Replenishment Fee	+	+	=	Demand Reduction. Project parameters need to be identified for modeling.																																																																														
Pleasant Valley Basin	Temporary Agricultural Land Following Project	Oxnard/ PV Ag Owners, Inc.	Recharge	Allocation	MA	Avoid pumping	TBD- modeling needed			\$0	\$1,200 to \$1,800 per AF	Replenishment Fee	+	+	=	Demand Reduction. Project parameters need to be identified for modeling.																																																																														

Notes:  
 1. Amount available to non-City users is to be determined.  
 2. Avoided loss of Santa Clara River diversion capacity.

Technical Advisory Group and staff analysis  
 TBD = To be determined  
 NA = Not Applicable  
 WQ= Water Quality  
 WS= Water Supply  
 Infrastruct.= Infrastructure  
 MA= Management Action

+	Positive Impact
-	Negative Impact
+/- ?	Possible positive or negative impact. To be determined
?	Insufficient information. Impact not determined
=	No Impact
NA	Not Applicable