

DISTRICT PRIORITY 4	Resources & Environmental Management																		
GOAL 1	Manage water demand and supply in order to maintain Lake Arrowhead at or above the 5100 foot level, by 2020																	Gross	

INITIATIVE 1		Water Resources Management Plan																			Gross												
ACTION STEPS		2005		2006				2007				2008				2009				2010				2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
		3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4										
1	Update 2003 Water Demand and Supply Report to LACSD Water Resources Management Plan			X	X	X	X	X	X	X	X	X																					
2	Compile and update information from various sources and reports			X	X	X	X	X	X	X	X	X																					
3	Update water demand management program						X	X	X	X	X	X																					
4	Update water supply programs (recycled water, ground and surface water management, groundwater development, SWP CLAWA I & II)			X	X	X	X	X	X	X	X	X																					
5	Produce Draft LACSD Water Resources Management Plan							X	X	X	X	X																					
6	Review Draft LACSD Water Resources Management Plan										X	X																					
7	Produce Final LACSD Water Resources Management Plan including long-term water supply solution												X																				
8	Update LACSD Water Resource Management Plan																			X				X		X		X		X			

INITIATIVE 2		Imported Water Program																			Gross												
ACTION STEPS		2005		2006				2007				2008				2009				2010				2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
		3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4										
1	Complete agreements to secure 7600 acre feet of short-term supply	X																															
2	Complete environmental review and permitting	X	X																														
3	Complete right of way and land acquisition			X	X																												
4	Complete engineering and construction	X	X	X	X	X	X	X	X	X	X																						
5	Conduct appropriate actions, pending State Board decision																																

INITIATIVE 3		Surface and Groundwater Monitoring and Management Program																Gross															
ACTION STEPS		2005		2006				2007				2008				2009				2010				2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
		3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4										
1	Enter into cooperative agreements with appropriate agencies for surface and groundwater management			X	X																												
2	Establish precipitation, evaporation, surface water, groundwater level and quality monitoring protocols and networks			X	X	X	X	X	X																								
	Establish reporting protocols			X	X	X	X	X																									
3	Report on performance data							X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				

INITIATIVE 4		Groundwater Development Program																Gross															
ACTION STEPS		2005		2006				2007				2008				2009				2010				2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
		3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4										
1	Conduct necessary environmental work for additional groundwater wells			X	X	X	X	X	X	X	X	X	X																				
2	Design phase for additional groundwater											X	X	X	X	X																	
3	Construction phase for 450 AFY additional groundwater															X	X	X	X	X	X	X	X	X	X	X	X	X	X				

INITIATIVE 5		Water Source Operating Plan																Gross															
ACTION STEPS		2005		2006				2007				2008				2009				2010				2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
		3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4										
1	Complete Urban Water Management Plan	X																					X						X				
2	Modify operating plants as necessary	X																					X						X				
3	Gather historical data on rainfall, lake level and water extractions from lake			X	X																												
4	Analyze data to determine effect of rain and extractions on lake level				X	X																											
5	Produce report on operating recommendations that includes all data						X																										
6	Use lake extraction report recommendation to develop a water source operating plan						X																										
7	Report monthly on lake level elevation	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				

INITIATIVE 6		Watershed Sanitary Survey																Gross															
ACTION STEPS		2005		2006				2007				2008				2009				2010				2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
		3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4										
1	Produce draft update to 2001 Watershed Sanitary Survey			X	X	X																											
2	Produce final update to 2001 Watershed Sanitary Survey					X																											
3	Update 2001 Watershed Sanitary Survey				X																		X			X							

DISTRICT PRIORITY 4	Resources & Environmental Management	
GOAL 3	Achieve 100% beneficial use of District's treated wastewater, by 2015	Gross

INITIATIVE 1	Recycled Water Project, Phase 1																				Gross													
ACTION STEPS	2005				2006				2007				2008				2009				2010				2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4												
1 Complete CEQA / NEPA for Grass Valley Treatment Plant upgrades and emergency discharges	x	x	x	x																														
2 Prepare and submit Engineer's Report for emergency discharge permit to RWQCB			x	x	x																													
3 Prepare and submit RWQCB NPDES permit application to RWQCB			x	x	x	x	x	x																										
4 Design Phase for GVWWTP improvements, recycled water storage and delivery and LACC retrofits	x	x	x	x	x	x																												
5 Bid phase							x																											
6 Construction							x	x	x	x	x	x	x	x	x	x																		
7 Plant startup															x																			
8 Permit and hook up Golf Course and Grass Valley Park to the recycle pipeline																																		
9 Evaluate cost and benefits of project																																		

INITIATIVE 2	Recycled Water Project, Phase 2																				Gross													
ACTION STEPS	2005				2006				2007				2008				2009				2010				2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4												
1 Complete study on expanded use of recycled water for outdoor irrigation	x	x	x																															
2 Define the storage and pumping requirements needed to reliably serve recycle water in the Lake Arrowhead Basin			x	x	x	x	x	x																										
3 Examine the potential reuse locations within four miles of the District's disposal site.																																		
4 Develop scope schedule and budget for Recycled Water Phase 2 Project(s)			x	x	x	x																												
5 Board adopts budget for Recycled Water Phase 2 Project(s)																																		
6 Environmental for RW Phase 2 Project(s)																																		
7 Design Phase for RW Phase 2 Project(s)																																		
8 Construction of RW Phase 2 Project(s)																																		

INITIATIVE 3		Water & Wastewater Facilities Master Plan																Gross															
ACTION STEPS		2005		2006				2007				2008				2009				2010				2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
		3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4										
1	Develop RFP for Master Plan update	X	X																														
2	Distribute RFP to consultants		X																														
3	Consultant proposals due		X																														
4	Review consultant proposals		X																														
5	Award consultant contract		X																														
6	Update master plans			X	X	X	X	X	X															X	X		X	X					
7	Obtain facilities programmatic EIR			X	X	X	X	X	X															X	X		X	X					

INITIATIVE 4		Water Resources Management Plan																Gross															
ACTION STEPS		2005		2006				2007				2008				2009				2010				2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
		3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4										
1	Update 2003 Water Demand and Supply Report to LACSD Water Resources Management Plan			X	X	X	X	X	X	X	X	X	X																				
2	Compile and update information from various sources and reports			X	X	X	X	X	X	X	X	X	X																				
3	Update water demand management program					X	X	X	X	X	X																						
4	Update water supply programs (recycled water, ground and surface water management, groundwater development, SWP CLAWA I & II)					X	X	X	X	X	X																						
5	Produce Draft LACSD Water Resources Management Plan					X	X	X	X	X																							
6	Review Draft LACSD Water Resources Management Plan							X	X																								
7	Produce Final LACSD Water Resources Management Plan including long-term water supply solution										X																						
8	Update LACSD Water Resource Management Plan																							X		X		X		X			

DISTRICT PRIORITY 4	Resources & Environmental Management																
GOAL 4	Limit average annual increase in water demand to 1% [On-going]															Cortner	

INITIATIVE 1	Water & Wastewater Facilities Master Plan																	Gross															
ACTION STEPS	2005		2006				2007				2008				2009				2010				2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4											
1 Develop RFP for Master Plan update		X	X																														
2 Distribute RFP to consultants			X																														
3 Consultant proposals due			X																														
4 Review consultant proposals			X																														
5 Award consultant contract			X																														
6 Update master plans				X	X	X	X	X	X														X	X				X	X				
7 Obtain facilities programmatic EIR				X	X	X	X	X	X														X	X				X	X				

INITIATIVE 2	Water Conservation Program																	Cortner																
ACTION STEPS	2005		2006				2007				2008				2009				2010				2011	2012	2013	2014	2015	2016	2017	2018	2019	2020		
	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4												
1 Implement current conservation programs	X	X	X	X	X	X	X	X	X	X	X	X	X	X																				
1 Evaluate current compliance with CUWCC BMPs	X	X																																
2 Identify potential additional programs			X	X																														
3 Conduct cost-benefit analysis				X	X																													
4 Develop long-term water conservation program						X	X	X																										
5 Public review and comment						X	X	X	X	X																								
6 Implement long-term water conservation program and selected previous programs									X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
7 Monitor and report results of program and update as appropriate												X			X				X	X	X	X	X	X	X	X	X	X	X	X	X	X		

INITIATIVE 3		Water Resources Management Plan																		Gross												
		2005		2006				2007				2008				2009				2010				2011	2012	2013	2014	2015	2016	2017	2018	2019
ACTION STEPS		3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4									
1	Update 2003 Water Demand and Supply Report to LACSD Water Resources Management Plan			X	X	X	X	X	X	X	X	X																				
2	Compile and update information from various sources and reports			X	X	X	X	X	X	X	X	X																				
3	Update water demand management program					X	X	X	X	X	X																					
4	Update water supply programs (recycled water, ground and surface water management, groundwater development, SWP CLAWA I & II)					X	X	X	X	X	X																					
5	Produce Draft LACSD Water Resources Management Plan					X	X	X	X	X																						
6	Review Draft LACSD Water Resources Management Plan								X	X																						
7	Produce Final LACSD Water Resources Management Plan including long-term water supply solution										X																					
8	Update LACSD Water Resource Management Plan																		X					X		X		X		X		X