

Date Updated:		Updated by:									
Objective	Measurable Planning Target	Quantitative	Qualitative	Related Projects (Project No.)	20AA Progress	20XX Progress	20yy Progress	Completed Projects	Target Met?	Contributing Organization (s)	
W a t e r Q u a l i t y O b j e c t i v e s	WQ1 -Meet approved TMDL standards in accordance with the attainment date, and participate in the development of future TMDLs	MPT WQ1.1 – Annually review number of projects started or completed that contribute to meeting TMDLs	x		2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 15, 17, 18, 19, 20, 21, 24, 27, 28, 29, 30, 31, 33, 35, 36, 37, 39, 40, 41, 42, 43, 44, 45, 47, 48, 55, 60						South Tahoe PUD, Town of Truckee, City of SLT, El Dorado County, CTC , Friends of Squaw Creek, Lukins Brothers WC, Inc., Tahoe RCD, TRWC, TRWC , Squaw Valley PSD
		MPT WQ1.2 – Summarize number of meetings or contacts made in development of future TMDLs annually	x		2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 15, 17, 18, 19, 20, 21, 24, 27, 28, 29, 30, 31, 33, 35, 36, 37, 39, 40, 41, 42, 43, 44, 45, 47, 48, 55, 60						South Tahoe PUD, Town of Truckee, City of SLT, El Dorado County, CTC , Friends of Squaw Creek, Lukins Brothers WC, Inc., Tahoe RCD, TRWC, TRWC , Squaw Valley PSD
W a t e r Q u a l i t y O b j e c t i v e s	WQ2 Reduce pollutant loads by implementing measures such as storm water LID retrofits, erosion control/restoration to meet Water Quality Objectives (WQOs) for receiving water bodies established in the Water Quality Control Plan for the Lahontan Region within the planning horizon.	MPT WQ2.1 – Annually track projects that are evaluating pollutant load reduction and receiving water standards	x		2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24, 25, 26, 27, 29, 30, 33, 35, 36, 37, 38, 39, 41, 43, 44, 45, 47, 48, 49, 50, 52, 53, 57, 58, 59						South Tahoe PUD, Town of Truckee, City of SLT, El Dorado County, CTC , Alpine Watershed Group , Friends of Squaw Creek, Lukins Brothers WC, Inc., Alpine County, Tahoe RCD, TRWC, TRWC , Tahoe City PUD, North Tahoe PUD, Washoe Tribe of NV and CA, Squaw Valley PSD
		MPT WQ2.2 – Number of projects started or completed that contribute to meeting WQOs	x		2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24, 25, 26, 27, 29, 30, 33, 35, 36, 37, 38, 39, 41, 43, 44, 45, 47, 48, 49, 50, 52, 53, 57, 58, 59						South Tahoe PUD, Town of Truckee, City of SLT, El Dorado County, CTC , Alpine Watershed Group , Friends of Squaw Creek, Lukins Brothers WC, Inc., Alpine County, Tahoe RCD, TRWC, TRWC , Tahoe City PUD, North Tahoe PUD, Washoe Tribe of NV and CA, Squaw Valley PSD
		MPT WQ2.3 – Summarize pollutant load reductions for those projects with estimates	x		2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24, 25, 26, 27, 29, 30, 33, 35, 36, 37, 38, 39, 41, 43, 44, 45, 47, 48, 49, 50, 52, 53, 57, 58, 59						
W a t e r Q u a l i t y O b j e c t i v e s	WQ3 Implement water quality monitoring programs through planning horizon, and coordinate annually throughout the Region.	MPT WQ3.1 – Summarize whether monitoring was conducted, where it was conducted, where it was reported, and purpose of monitoring	x	x	3, 6, 7, 8, 9, 11, 12, 16, 17, 18, 19, 22, 24, 27, 28, 30, 31, 42, 45, 55						Town of Truckee, City of SLT, El Dorado County, Alpine Watershed Group , Friends of Squaw Creek, CTC , Lukins Brothers WC, Inc., Alpine County, Tahoe RCD, TRWC, Squaw Valley PSD
	WQ4 Ensure that drinking water supplied by public water systems continues to meet Federal and State standards.	MPT WQ4.1 – Number of water systems that met State and Federal standards	x		17, 19, 20, 21, 23, 41, 49, 51, 55, 56, 59, 60						Friends of Squaw Creek, Lukins Brothers WC, Inc., South Tahoe PUD, TRWC , Tahoe City PUD, North Tahoe PUD, Squaw Valley PSD
W a t e r Q u a l i t y O b j e c t i v e s	WQ5 Restore degraded streams, wetlands, riparian and upland areas to re-establish natural water filtering processes.	MPT WQ5.1 – Report number of projects that contribute to restoration of streams, wetlands and riparian areas	x		2, 4, 6, 7, 11, 13, 14, 15, 16, 17, 18, 22, 24, 33, 35, 36, 37, 38, 39, 40, 43, 47, 48, 60						South Tahoe PUD, Town of Truckee, City of SLT, El Dorado County, American Rivers, CTC , Alpine Watershed Group , Friends of Squaw Creek, Alpine County, TRWC, Squaw Valley PSD
		WQ6 Operate and maintain, build, or replace infrastructure for reliable collection, treatment and disposal of wastewater	MPT WQ6.1 – Number of infrastructure failures per year	x		22, 25, 53, 57, 58					
		MPT WQ6.2 – Number of projects or length of pipeline rehabilitated/constructed	x		22, 25, 53, 57, 58						Alpine County, South Tahoe PUD, Washoe Tribe of NV and CA, Squaw Valley PSD

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Water Supply Objectives	WS1 Provide water supply to meet projected demands for a 20-year planning horizon.	MPT WS1.1 – Compare current and projected supply vs. demand	x		16, 19, 20, 21, 23, 29, 44, 49, 51, 54, 55, 56, 59, 60						Alpine Watershed Group , Lukins Brothers WC, Inc., South Tahoe PUD, Tahoe RCD, Tahoe City PUD, North Tahoe PUD, Washoe Tribe of NV and CA, Squaw Valley PSD	
	WS2 Operate and maintain, build, or replace infrastructure to reliably supply water.	MPT WS2.1 – Number of infrastructure failures per year	x		19, 20, 21, 23, 46, 49, 51, 54, 55, 56, 59, 60						Lukins Brothers WC, Inc., South Tahoe PUD, Tahoe City PUD, North Tahoe PUD, Washoe Tribe of NV and CA, Squaw Valley PSD	
		MPT WS2.2 – Number of projects or length of pipeline rehabilitated/constructed	x		19, 20, 21, 23, 46, 49, 51, 54, 55, 56, 59, 60						Lukins Brothers WC, Inc., South Tahoe PUD, Tahoe City PUD, North Tahoe PUD, Washoe Tribe of NV and CA, Squaw Valley PSD	
	WS3 Implement and promote water conservation measures and practices to meet state goals.'	MPT WS3.1 – What measures and practices were implemented			x	11, 12, 17, 19, 20, 21, 29, 44, 46, 47, 51, 54, 55						El Dorado County, Friends of Squaw Creek, Lukins Brothers WC, Inc., Tahoe RCD, South Tahoe PUD, Town of Truckee, North Tahoe PUD, Washoe Tribe of NV and CA, Squaw Valley PSD
		MPT WS3.2 – Number of conservation measures implemented	x			11, 12, 17, 19, 20, 21, 29, 44, 46, 47, 51, 54, 55						El Dorado County, Friends of Squaw Creek, Lukins Brothers WC, Inc., Tahoe RCD, South Tahoe PUD, Town of Truckee, North Tahoe PUD, Washoe Tribe of NV and CA, Squaw Valley PSD
		MPT WS3.3 – Number of water meters installed	x			11, 12, 17, 19, 20, 21, 29, 44, 46, 47, 51, 54, 55						El Dorado County, Friends of Squaw Creek, Lukins Brothers WC, Inc., Tahoe RCD, South Tahoe PUD, Town of Truckee, North Tahoe PUD, Washoe Tribe of NV and CA, Squaw Valley PSD
		MPT WS3.4 – Percentage of unmetered connections out of all public water system connections	x			11, 12, 17, 19, 20, 21, 29, 44, 46, 47, 51, 54, 55						El Dorado County, Friends of Squaw Creek, Lukins Brothers WC, Inc., Tahoe RCD, South Tahoe PUD, Town of Truckee, North Tahoe PUD, Washoe Tribe of NV and CA, Squaw Valley PSD
Groundwater Objectives	GWM1 Maintain and monitor groundwater supply to assure future reliability.	MPT GWM1.1 – Monitoring efforts reported per groundwater management plans		x	5, 10, 16, 17, 19, 20, 21, 23, 49, 55, 59, 60						City of SLT, Alpine Watershed Group , Friends of Squaw Creek, Lukins Brothers WC, Inc., South Tahoe PUD, Tahoe City PUD, Squaw Valley PSD	
		MPT GWM1.2 – CASGEM monitoring done and reported		x	5, 10, 16, 17, 19, 20, 21, 23, 49, 55, 59, 60						City of SLT, Alpine Watershed Group , Friends of Squaw Creek, Lukins Brothers WC, Inc., South Tahoe PUD, Tahoe City PUD, Squaw Valley PSD	
		MPT GWM1.3 – Groundwater management/protection plans developed/updated and implemented		x	5, 10, 16, 17, 19, 20, 21, 23, 49, 55, 59, 60						City of SLT, Alpine Watershed Group , Friends of Squaw Creek, Lukins Brothers WC, Inc., South Tahoe PUD, Tahoe City PUD, Squaw Valley PSD	
	GWM2 Promote groundwater protection activities for high quality groundwater, and advocate for improvements to impacted groundwater quality through public education.	MPT GWM2.1 – Public education efforts conducted			x	9, 11, 12, 15, 16, 17, 28, 29, 39, 43, 53, 55, 60						City of SLT, El Dorado County, CTC , Alpine Watershed Group , Friends of Squaw Creek, Tahoe RCD, TRWC, Washoe Tribe of NV and CA, Squaw Valley PSD
		MPT GWM2.2 – Groundwater management plans developed/updated and implemented			x	9, 11, 12, 15, 16, 17, 28, 29, 39, 43, 53, 55, 60						City of SLT, El Dorado County, CTC , Alpine Watershed Group , Friends of Squaw Creek, Tahoe RCD, TRWC, Washoe Tribe of NV and CA, Squaw Valley PSD
	GWM3 Manage groundwater for multiple uses (e.g., municipal/industrial/ agricultural supply and environmental use).	MPT GWM3.1 – Groundwater management plans developed/updated and implemented			x	17, 19, 20, 21, 43, 44, 55, 56, 59, 60						Friends of Squaw Creek, Lukins Brothers WC, Inc., TRWC, South Tahoe PUD, Squaw Valley PSD
MPT GWM3.2 – Identify and monitor areas where groundwater extraction may be impacting environmental uses				x	17, 19, 20, 21, 43, 44, 55, 56, 59, 60						Friends of Squaw Creek, Lukins Brothers WC, Inc., TRWC, South Tahoe PUD, Squaw Valley PSD	
Ecology	ER1 Enhance and restore water bodies, wetlands, riparian areas and associated uplands to support healthy watersheds, viable native fish, wildlife and plant habitats.	MPT ER1.1 – Regularly update areas of identified degraded water bodies, wetlands, riparian areas and associated uplands for restoration or enhancement focus.	x		1, 2, 4, 5, 6, 7, 9, 10, 11, 13, 14, 16, 17, 18, 19, 22, 26, 27, 29, 33, 35, 36, 37, 38, 39, 40, 43, 44, 49, 50, 53, 55, 59, 60						Town of Truckee, South Tahoe PUD, City of SLT, El Dorado County, American Rivers, Alpine Watershed Group , Friends of Squaw Creek, CTC , Lukins Brothers WC, Inc., Alpine County, Tahoe RCD, TRWC, Tahoe City PUD, North Tahoe PUD, Washoe Tribe of NV and CA, Squaw Valley PSD	

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s y s t e m R e s t o r a t i o n O b j e c t i v e s	MPT ER1.2 – Number of meetings held related to identifying locations for future projects, and revising project lists	x		1, 2, 4, 5, 6, 7, 9, 10, 11, 13, 14, 16, 17, 18, 19, 22, 26, 27, 29, 33, 35, 36, 37, 38, 39, 40, 43, 44, 49, 50, 53, 55, 59, 60						Town of Truckee, South Tahoe PUD, City of SLT, El Dorado County, American Rivers, Alpine Watershed Group, Friends of Squaw Creek, CTC, Lukins Brothers WC, Inc., Alpine County, Tahoe RCD, TRWC, Tahoe City PUD, North Tahoe PUD, Washoe Tribe of NV and CA, Squaw Valley PSD	
	MPT ER1.3 – Number of projects that contribute to restoration of water bodies, wetlands, riparian and upland areas restored or enhanced	x		1, 2, 4, 5, 6, 7, 9, 10, 11, 13, 14, 16, 17, 18, 19, 22, 26, 27, 29, 33, 35, 36, 37, 38, 39, 40, 43, 44, 49, 50, 53, 55, 59, 60						Town of Truckee, South Tahoe PUD, City of SLT, El Dorado County, American Rivers, Alpine Watershed Group, Friends of Squaw Creek, CTC, Lukins Brothers WC, Inc., Alpine County, Tahoe RCD, TRWC, Tahoe City PUD, North Tahoe PUD, Washoe Tribe of NV and CA, Squaw Valley PSD	
	ER2 Develop and implement programs to prevent the spread of existing invasive species and colonization of potential future invasive species.	MPT ER2.1 – Number of projects addressing invasive species; including number of collaborative projects	x		1, 6, 7, 8, 9, 11, 12, 15, 16, 17, 18, 22, 26, 28, 29, 40, 41, 43, 47						Town of Truckee, City of SLT, El Dorado County, CTC, Alpine Watershed Group, Friends of Squaw Creek, Alpine County, Tahoe RCD, TRWC, TRWC
	ER3 Implement, in coordination with public and private landowners, activities to manage forest health and wildfire risks.	MPT ER3.1 – Number of acres addressing forest health	x		11, 12, 17, 29, 35, 40, 46, 49, 54, 60						El Dorado County, Friends of Squaw Creek, Tahoe RCD, TRWC, South Tahoe PUD, Tahoe City PUD, Washoe Tribe of NV and CA, Squaw Valley PSD
		MPT ER3.2 – Acres of forest management by projects	x		11, 12, 17, 29, 35, 40, 46, 49, 54, 60						El Dorado County, Friends of Squaw Creek, Tahoe RCD, TRWC, South Tahoe PUD, Tahoe City PUD, Washoe Tribe of NV and CA, Squaw Valley PSD
		MPT ER3.3 – Education/Outreach activities regarding defensible space		x	11, 12, 17, 29, 35, 40, 46, 49, 54, 60						El Dorado County, Friends of Squaw Creek, Tahoe RCD, TRWC, South Tahoe PUD, Tahoe City PUD, Washoe Tribe of NV and CA, Squaw Valley PSD
	ER4 Minimize ecosystem impacts caused by existing and new development.	MPT ER4.1 – Number of projects that meet or exceed requirements to implement infiltration and other water quality activities to restore natural hydrology	x		2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 15, 16, 18, 19, 22, 24, 25, 26, 27, 29, 30, 32, 34, 36, 40, 41, 43, 44, 45, 47, 48, 49, 55, 58						South Tahoe PUD, Town of Truckee, City of SLT, El Dorado County, CTC, Alpine Watershed Group, Lukins Brothers WC, Inc., Alpine County, Tahoe RCD, TRWC, TRWC, Tahoe City PUD, Squaw Valley PSD

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I n t e g r a t e d W O a b j e r c t i v e s M a n a g e m e n t	IWM1 Conduct local and regional water-related planning activities within the planning horizon as supported by current and future watershed science.	MPT IWM1.1 – Use of integrated regional water management process to share science and lessons learned		x	1, 11, 12, 13, 17, 18, 20, 21, 22, 23, 24, 28, 30, 31, 45, 47, 55, 56						Town of Truckee, El Dorado County, American Rivers, Friends of Squaw Creek, CTC , Lukins Brothers WC, Inc., Alpine County, South Tahoe PUD, Tahoe RCD, Squaw Valley PSD
	IWM2 Ensure collaboration among multiple jurisdictions within the Region for information exchange.	MPT IWM2.1 – Number of meetings within the Region	x		1, 2, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 16, 17, 18, 20, 21, 22, 24, 26, 27, 28, 29, 30, 31, 32, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 54, 55, 56, 60						Town of Truckee, South Tahoe PUD, City of SLT, El Dorado County, American Rivers, Alpine Watershed Group , Friends of Squaw Creek, CTC , Lukins Brothers WC, Inc., Alpine County, Tahoe RCD, TRWC, TRWC , Tahoe City PUD, Washoe Tribe of NV and CA, Squaw Valley PSD
		MPT IWM2.2 – Number of collaborative projects within the Region	x		1, 2, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 16, 17, 18, 20, 21, 22, 24, 26, 27, 28, 29, 30, 31, 32, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 54, 55, 56, 60						Town of Truckee, South Tahoe PUD, City of SLT, El Dorado County, American Rivers, Alpine Watershed Group , Friends of Squaw Creek, CTC , Lukins Brothers WC, Inc., Alpine County, Tahoe RCD, TRWC, TRWC , Tahoe City PUD, Washoe Tribe of NV and CA, Squaw Valley PSD
	IWM3 Increase public education and awareness of watershed functions, protection and restoration needs to encourage stewardship by the public.	MPT IWM3.1 – Number of educational programs conducted	x		1, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 22, 24, 26, 27, 28, 29, 30, 31, 32, 33, 34, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 47, 48, 53, 54, 55, 60						Town of Truckee, City of SLT, El Dorado County, American Rivers, South Tahoe PUD, CTC , Alpine Watershed Group , Friends of Squaw Creek, Alpine County, Tahoe RCD, TRWC, TRWC , Washoe Tribe of NV and CA, Squaw Valley PSD
	IWM4 Promote activities that reduce flood risk.	MPT IWM4.1 – Number of storm water mitigation/flood protection projects	x		2, 3, 5, 6, 7, 8, 10, 16, 17, 22, 24, 27, 30, 33, 47						South Tahoe PUD, Town of Truckee, City of SLT, Alpine Watershed Group , Friends of Squaw Creek, Alpine County, Tahoe RCD
	IWM5 Address climate change (e.g., water quality, water supply, groundwater recharge, flood management) in local and regional planning efforts and support efforts to continue improving the science	MPT IWM5.1 – Projects/studies/documents that address climate change challenges and/or further the science		x	2, 3, 7, 8, 9, 11, 12, 13, 15, 16, 17, 18, 19, 22, 24, 27, 28, 30, 32, 36, 40, 41, 43, 44, 45, 46, 47, 48, 49, 54, 55, 56, 59, 60						South Tahoe PUD, Town of Truckee, City of SLT, El Dorado County, American Rivers, CTC , Alpine Watershed Group , Friends of Squaw Creek, Lukins Brothers WC, Inc., Alpine County, Tahoe RCD, TRWC, TRWC , Tahoe City PUD, Washoe Tribe of NV and CA, Squaw Valley PSD
	IWM6 Monitor water storage, release and exchange activities in order to improve coordination with regional planning.	MPT IWM6.1 – Participation in regional water operations planning organizations and number of meetings attended	x		17, 19, 49, 55						Friends of Squaw Creek, Lukins Brothers WC, Inc., Tahoe City PUD, Squaw Valley PSD
MPT IWM6.2 – Identification of future opportunities for coordination			x	17, 19, 49, 55						Friends of Squaw Creek, Lukins Brothers WC, Inc., Tahoe City PUD, Squaw Valley PSD	