

**APPENDIX E  
MAMMOTH COMMUNITY WATER DISTRICT GROUNDWATER MONITORING PROGRAM**

Monitoring Type	Location	Measurement Type	Date Started	Inspection Frequency	Notes
Streamflow	Lake Mary inflow	Chart recorder	1986	Daily (summer) Weekly (winter)	Mammoth Creek, Coldwater Creek, Coldwater Diversion, George Creek
Lake flow release	Lake Mary dam	Transducer and velocity meter	2005	Daily (summer) Weekly (winter)	Calculate flow over dam during high flow and measure low flow through center pipe
Streamflow	Bodle Ditch	Staff gage	2005	Daily (summer)	LADWP weir (seasonal flow)
Streamflow	Bodle Ditch	Data logger		Weekly (winter)	Measure flow entering Old Mammoth meadow
Springflow	Valentine Reserve	Data logger	2005	Daily (summer) Weekly (winter)	Monitor springflow for potential pumping impacts
Streamflow	Mammoth Creek (Twin Falls to Old Hwy 395)	Chart recorder	1958 Hwy 395 1983	Daily	Twin Falls, Twin Lakes outlet, Old Mammoth Rd, Old Hwy 395 (LADWP gage)
Precipitation	Lake Mary Mammoth Pass	Tilt bucket Snow pillow		Monthly Monthly	Monitored by LADWP
Evaporation	Grant Lake	Pan			Establish device in Mammoth Basin
Evapotranspiration	Bridgeport	?			Establish device in Mammoth Basin
Monitor Well Inventory	T3S/R27E Sections 1-4, and T4S/R27E Section 34	Drillers logs on file	1993	Logs maintained by MCWD	14 monitor wells (7 shallow, 7 deep) Drillers logs available
Production Well Inventory	T3S/R27E Section 3, and T4S/R27E Section 34	Drinking water source assessment document	1988, 1995	Data maintained by MCWD	8 production wells Specific data in drinking water source assessment manual

**APPENDIX E**  
**MAMMOTH COMMUNITY WATER DISTRICT GROUNDWATER MONITORING PROGRAM**

Monitoring Type	Location	Measurement Type	Date Started	Inspection Frequency	Notes
Groundwater Levels	Mammoth Basin	Depth to water by physical sounder or transducer	1988, 1995, 2005	Daily (summer) Weekly (winter)	Data for 14 monitor wells and 8 production wells
	SC1 and SC2	Depth to water by physical sounder		Monthly	Data from USGS
Pumpage	District production wells and Dempsey well	Metered	1979, 1988, 1993	Daily	Well 1 - 1979 Wells 6, 10 - 1988 Well 15 - 1993 Wells 16-20 - 1995
Surface Water Diversion	Lake Mary water treatment plant	Metered	1979	Daily	Lake Mary treatment plant
Groundwater Quality	All production wells Monitor wells	Title 22 Conductivity, TDS, temp., pH	1979, '88, '93 1993	Annual Annual	Wells with transducers not sampled Data in annual groundwater reports
Surface Water Quality	Lake Mary water treatment plant	Title 22	1979	Varies	Data varies from daily to annual, etc. On file at District.
Wastewater Discharge	District WWTP	Volume and quality	1972	Varies	Data varies from daily to annual, etc.