

Location/Question nu	11287500 DON PEDRO RES NR LA GRANGE	11289000 MODESTO CN NR LA GRANGE	11289500 TURLOCK CN NR LA GRANGE	11289650 TUOLUMNE R BL LAGRANGE DAM NR LAGRANGE CA
M1	Water Pressure Transducer	Float Tape shaft encoder	Acoustic Velocity Meter	Water Pressure Transducer
M2	PS2	none	AVM	none
M3	Pressure Transducer	Float Tape shaft encoder	Acoustic Velocity Meter	Bubbler/Pressure Transducer
M4	Para Scientific	Design Analysis	Accusonic	Design Analysis
M5	64904	1016	cooperator provided	1282
M6	PS-2	H-510	8510	H-350 Lite / H355
M7	June-09	Jun-09	2013	Jul-10
M8	none	none	none	none
M9	2/16/2017	1/11/2017	1/11/2017	2/24/2017
M10	+/- 0.02 feet	+/- 0.02 feet	+/- 0.02 feet	+/- 0.02 feet
M11	Comparison to surveyed plate	Comparison to surveyed plate	Comparison to surveyed plate	Comparison to surveyed plate
M12	8 week interval	8 week interval	8 week interval	8 week interval
M13	USGS	USGS	USGS	USGS
M14	916-381-0207	916-381-0208	916-381-0209	916-381-0210
M15	arobledo@usgs.gov	arobledo@usgs.gov	arobledo@usgs.gov	arobledo@usgs.gov
M16	Federal Agency	Federal Agency	Federal Agency	Federal Agency
M17				
M18	Data Logger	Data Logger	Data Logger	Data Logger
M19	Sutron	Design Analysis Associates	Sutron	Sutron
M20	807526	2087	909572	909572
M21	SL2	H-222	SL2	SL2
M22	feet	feet	cubic feet per second	feet
M23	15 minutes	15 minutes	15 minutes	15 minutes
M24	none	none	none	none
M25				
M26	https://waterdata.usgs.gov/nwis/uv?site_no=11287500	https://waterdata.usgs.gov/nwis/uv?site_no=11289000	https://waterdata.usgs.gov/nwis/uv?site_no=11289500	https://waterdata.usgs.gov/nwis/uv?site_no=11289650
M27				
M28				

APPENDIX TO LICENSE MEASUREMENT REPORT
SWRCB FILING FOR 2016

Questions M13-M17:

The measurement method used relies upon authoritative data and gaging instrumentation owned and operated by the United States Geological Survey (gage nos. 11287500, 11289000, 11289500, 11289650), and is based upon standard, uniform, best practice for deriving reservoir inflow, which is the sum of the change in reservoir storage, reservoir evaporation, and total reservoir release (reservoir releases to the Tuolumne River and the Turlock and Modesto Irrigation Districts' canals).