

**CALIFORNIA AIR RESOURCES BOARD
MONTHLY QUALITY CONTROL MAINTENANCE CHECK SHEET
PICARRO G-1301 CH₄, CO₂ AND H₂O ANALYZER**

Location: _____

Month/Year: _____

Station Number: _____

Operator: _____

Property Number: _____

Serial Number: _____

Configuration and Diagnostic Parameters		Readings				
WEEKLY CHECKS DATE:						
TIME	PST (+1 min, adjust)					
ALARMS	None. If any, document.					
CHANGE FILTER	Document with a yes or no					
CO ₂ READING	>375 and <600 ppm					
CH ₄ READING	>1.7 and <3.0 ppm					
H ₂ O READING	0.5 to 2.0 %v					
PUMP HOURS	Document present reading					
DOWNLOAD DATA & COPY	Download data & copy to MLD server (If applicable)					

OPERATOR INSTRUCTIONS:

- Daily Checks: Review data and strip charts.
- Weekly Checks: Record time of checks above. Verify time is correct. If more than 1 minute off reset. Record any alarms shown on PC screen. Located in the upper left of GUI. Red signifies alarm. Change in-line sampling filter. Note the time so you can edit out data that was affected. Record the present average GUI screen readings for CO₂, CH₄ and H₂O. Record the pump hour meter reading located on back of PVU (bottom instrument). If no one (1) minute logging available, download data including last site visit date on to thumb drive. As soon as possible transfer that thumb drive data to the MLD server (Division X drive).
- Monthly Checks: Complete and submit Monthly Quality Maintenance Check Sheet Document check cylinders number, pressure, regulator's output pressure and certified values. Cylinder #: _____ Pressure: _____ Reg's. Output Pressure: _____ Methane (CH₄) Assay Value: _____ Carbon Dioxide (CO₂) Assay Value: _____
- Semi-Annually: Clean fan filters. Remove 3 allen screws to filter cover in front of DAS (top instrument). Calibrate analyzer. Date last performed: _____ Measure analyzer flow. Actual = _____ Measure bypass pump flow. Actual = _____

Date:	Comments or Maintenance Performed:

Reviewed by: _____

Date: _____