

**California Air Resources Board
Quality Control Maintenance Check Sheet
EcoChem PAS 2000 PAH Monitor**

Site Name: _____
Station Number: _____
Property Number: _____

Month / Year: _____
Operator Name: _____
Agency: _____

DATE / TIME

WEEKLY CHECK PERFORMED							
Date / Time Display (+/-1 min of Actual)							
Lamp Intensity Display (98-102%)							
Lamp Freq. Display (<15 kHz)							
Indicated Flow Display (1.8 – 2.2 SLPM)							
Standard Flow (SLPM) (+/- 5% of Indicated)							
Concentration Display (0-2,000 ng/m ³)							
Data Logger Concentration (ng/m ³)							
Operator's Initials							

Flow Meter #: _____ Cert. Date: _____ Slope: _____ Offset: _____

Operator Instructions:

- Daily or Weekly Checks: Review data and recorder charts daily and perform weekly checks.
- Bi-Weekly Checks: Perform an inlet flow verification to ensure a flow rate of 2.0 LPM +/- 5 percent (1.9 to 2.1 LPM). If the flow rate is not within 5% refer to Appendix C of the PAS 2000 SOP, Procedure for Making Adjustments to the Flow Rate. Date Checked: ____/____/____
- Monthly Checks: Perform the following checks and record results:
Pump Act. Value Display: _____ (Power Use Factor 40 - 55%; Replace Pump if >55%)
Date Size-Selective Inlet Cleaned: _____
- Quarterly or Annual Checks: Clean Ion Tube Quarterly. Date Last Cleaned: _____
Clean or Replace Sample Probe Annually. Date Last Cleaned or Replaced: _____
Date of Last Factory Calibration / or Service: _____

DATE	COMMENTS