

AQSB MONTHLY QUALITY CONTROL MAINTENANCE CHECK SHEET 407
Magee Scientific Aethalometer

Location: _____ Month/Year: _____
 Station Number: _____ Operator: _____
 Analyzer Property Number: _____ Agency: _____

| Date | Weekly Checks | | Monthly Checks | | |
|------|---------------|-------------------|---------------------|----------|---------------|
| | Flow Display | Correct Time/Date | Standard Flow (LPM) | | Inlet Cleaned |
| | LPM | Yes or No | Pre-Cal | Post-Cal | Yes or No |
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Operator Instructions:

- 1) Daily Checks: Review daily data. Verify Aethalometer status and there are no error messages.
- 2) Weekly Checks: Assure sampler flow on display reads to within 0.2 lpm of previous week. Verify time and date is within five (5) minutes of datalogger.
- 3) Monthly Checks: Check flow with standard. Recalibrate as necessary. Clean inlet cyclone. Label and replace 3.5" diskette or solid state memory drive.
- 4) Semi-Annual Checks: Perform Calibration and Optical Test Strip procedures. Perform Self Test.
 Date of last calibration: _____ Date of last Self Test: _____
- 5) Annual Checks: Clean or replace inlet probe line. Date last cleaned: _____
 Determine residence time: _____seconds (not to exceed 20 seconds).

| Date | Comments or Maintenance Performed |
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Reviewed by: _____ Date: _____