

EPA OAQPS PAMS Update

2020 MARAMA Air Quality Monitoring Training Committee Virtual Workshop
December 9th, 2020

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U.S. EPA Office of Air Quality Planning & Standards

Agenda

- Start Date
- Status of Equipment Purchases
- ERG National Contract Support
- Unified Ceilometer Network
- Workgroup Calls



Start Date for Required Sites

- Start date for required PAMS sites was extended to June 1, 2021
- Extension was only for the required sites and does not impact the EMP deadline
 - EMP deadline was October 1, 2019

June 2021						
S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

Tuesday, Jun 1st 2021

Equipment Purchases Update

- Markes/Agilent autoGCs were purchased in fall of 18 and have been delivered
- CAS autoGC contract was awarded in fall of 20 and all but three have been delivered and installed
- EPA decided against buying ceilometers and true NO₂ due to the delays experience with the auto-GC purchases
 - We sent back “targeted” funds to states for the purchase of true NO₂ and Ceilometers
 - States should contact their Regional Grant Coordinators to determine status
- EPA has no further plans to make equipment purchases for PAMS



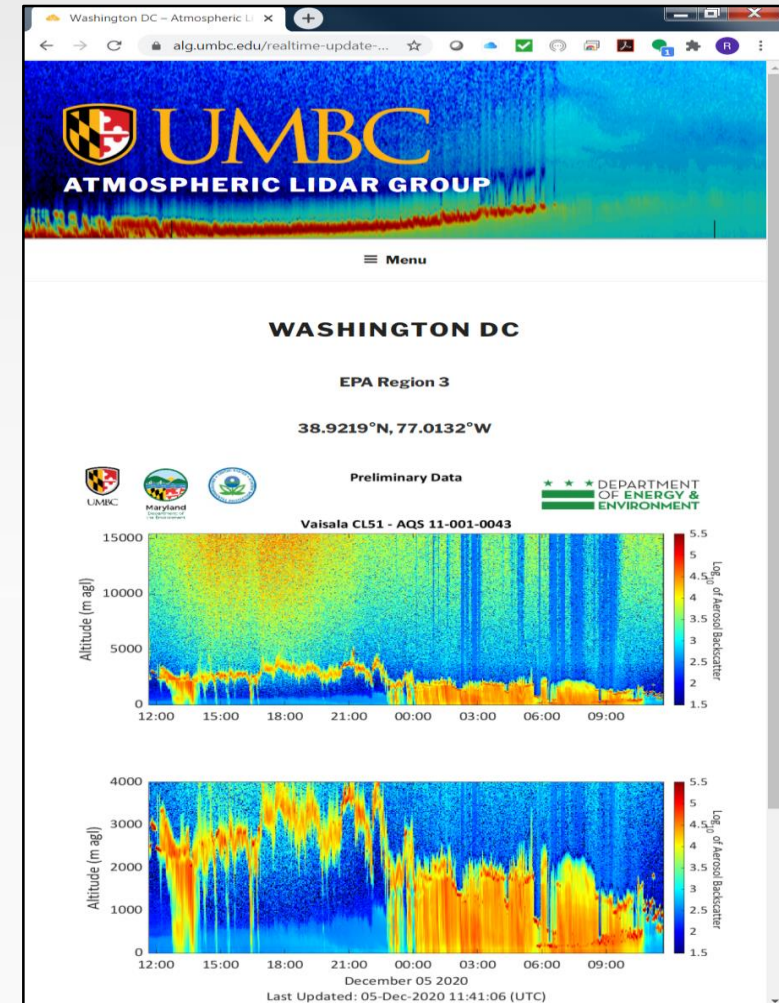
ERG National Contract Support

- EPA has a national contract with ERG which includes PAMS and air toxics support
 - For PAMS, this contract has primarily been used for purchasing retention time cylinders and carbonyl analysis
- We will be sending out a request next week to the Regions and monitoring agencies requesting orders for PAMS support for this year
 - Retention time and 2-component calibration cylinders (CAS only needs RT, Markes needs both)
 - Carbonyl sampler verification, carbonyl sample analysis
 - Site support for Markes Agilent and CAS instruments
 - Data validation and reporting support
- Funds will be held back from 105 Grant



Unified Ceilometer Network (UCN)

- EPA/OAQPS in conjunction with NASA and University of Maryland Baltimore County (UMBC) have developed a centralized database to collect, store, validate, and share ceilometer data
- EPA will prepare a memorandum stating that participation in UCN will satisfy the requirement for reporting hourly mixing height
- No direct costs to states to participate in UCN
- More on UCN later in agenda



PAMS Workgroup

- EPA holds three workgroup calls per month
 - General PAMS call
 - Auto-GC call
 - AirVision call
- Contact me at cavender.kevin@epa.gov to get included on invites

