

Air Quality Update

Pinal County Air Quality

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Cowtown Monitor Relocation

- Evaluation sites installed June 5-6, 2014
- “Official” data collection began June 13, 2014
- Sites include:
 - White & Parker (PM10 and Pm2.5)
 - Hidden Valley (PM10 and PM2.5)
 - Matching equipment at Cowtown

Next Steps

- 1 Year of data required
- Daily quality assurance (“QA”) review
- Periodic evaluation of data against the FRM/FEM monitors at Cowtown
- Finalize the measurement process - July 2015
- Replacement site selection will follow

Hidden Valley



White & Parker



Potential Study Site – City Hall

- We are investigating a 3rd site near the Maricopa City Hall
- More work required to find usable site
- Coordinating with City Staff

Cowtown PM2.5

- PM2.5 NAAQS:
 - Level is $35\mu\text{g}/\text{m}^3$
 - Form is 3 year average of the 98 percentile
 - With every 3rd day sampling 98% is 3rd highest value
 - Average for 2011-2013 was $32.4\mu\text{g}/\text{m}^3$
 - Average for 2012-2014(May) is $35.7\mu\text{g}/\text{m}^3$ which is above the NAAQS.

Cowtown PM2.5

Ramifications:

- Could reverse the EPA Clean Data Finding
- ADEQ/Pinal would be required to complete a full SIP

Planned Remedy

- The 3rd highest value will not change with the current sampling schedule
- More frequent sampling for 2014 – 1 per day
- With Daily sampling 98% is 5th highest value
 - Currently the 5th highest value is $29.1\mu\text{g}/\text{m}^3$
 - 5th highest value cannot exceed $\sim 36\mu\text{g}/\text{m}^3$

Upcoming Air Quality Items

- Hearing Board Definition
 - Arizona air agencies received comments from EPA regarding the current definition (PM2.5 Infrastructure SIP)
 - Requires minor change to the local definition
 - Clarifies “Conflict of Interest” for appointed members
 - A rulemaking process is underway
 - Item will be on a future Board Agenda
 - Important to ensure approval of the SIP

Upcoming Air Quality Items

Stationary Source Permitting Rules

(New Source Review or “NSR”)

- Air Quality must revise a number of our permitting rules for Major sources
- Required to reflect recent changes to Federal and State rules.
- Larger rule revision will be done over the next 18 months
- Future review of permit fees (industrial, dust, open burning)

Questions ?

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