

# Update on the MAG 2013 State Implementation Plan Revision for the Removal of Stage II Vapor Recovery Controls



Arizona Department of Weights and Measures  
Stakeholder Meeting  
January 3, 2014



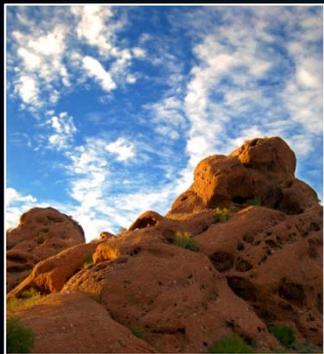
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## EPA Reevaluation of the Approach to Remove Stage II Controls

- On September 17, 2013, EPA indicated that it had reevaluated the approach for this region to remove Stage II vapor recovery
  - Maricopa area has not yet attained the 2008 eight-hour ozone standard (0.075 ppm) and has a 2015 attainment date as a Marginal Area
  - Focus should be on attaining the standard by 2015, rather than on using off-sets for temporary emission increases during the same time period that the area should be attaining the standard

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# EPA Reevaluation of the Approach to Remove Stage II Controls

- EPA described four options for removing Stage II controls, keeping in mind the challenge of meeting the 2008 ozone standard by 2015. To justify a removal schedule for new facilities in 2014 and existing facilities in 2016-2017, the Arizona agencies could:
  1. Do a technical demonstration that the area will attain the 2008 ozone standard of 0.075 part per million by 2015 and the increase in emissions will not impact attainment
  2. Pass a new control measure to off-set increase in emissions
  3. Request a voluntary bump-up of the nonattainment area to Moderate, which has a later attainment date
  4. As an alternative, keep the 2014 date for new facilities and switch to later 2017-2018 for existing facilities, then document how the emissions differences are small and temporary

## ENVIRONMENTAL PROGRAMS



# Arizona Agencies Present a New Analysis to EPA

- **New analysis prepared for three scenarios to remove Stage II to demonstrate that the increase in emissions is smaller for all scenarios, compared to retaining current Stage II requirements**
  - **Remove Stage II for new facilities in 2014, existing facilities in January 2016 - December 2017**
  - **Remove Stage II for new facilities in 2014, existing facilities in January 2017 – December 2018 (EPA suggestion)**
  - **Remove Stage II for new facilities in 2014, existing facilities in October 2016 – September 2018 (decommission after 2016 ozone season)**
  - **Compared the above three scenarios to retaining current Stage II controls**
- **Discussed with EPA on September 27, 2013**

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# Regionwide Increase in Emissions from Removal of Stage II Controls

Stage II Removal Schedule at New and Existing Gasoline Dispensing Facilities	Emission Increase from New Facilities (metric tons/day)		Emission Increase from New and Existing Facilities (metric tons/day)				2014-2019 Summed Emission Increase (metric tons/day)
	2014	2015	2016	2017	2018	2019	
New in 2014, Existing in 2016-2017	0.015	0.019	0.094	0.054	0	0	0.182
EPA Suggested Schedule: New in 2014, Existing in 2017-2018	0.015	0.019	0.015	0.024	0.036	0	0.108
New in 2014, Existing in Oct. 2016-Sept. 2018 (after 2016 ozone season)	0.015	0.019	0.015	0.031	0.023	0	0.102
Retain Stage II Controls	0	0	0	0	0.108	0.244	0.352

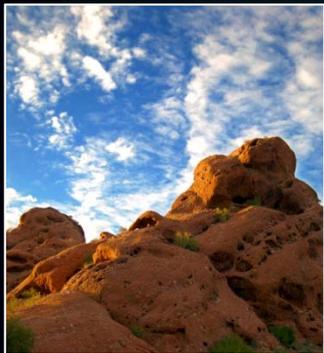
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## Arizona Agencies Call with EPA on November 15, 2013

- EPA recommended following a Stage II removal schedule for new gasoline dispensing facilities beginning in 2014 and existing facilities beginning after the 2016 ozone season (October 2016 – September 2018)
- A Stage II removal schedule that begins after the 2016 ozone season results in the smallest temporary emission increases of the scheduling options
- EPA requested the statutory authority for Stage II removal be included with the SIP revision
- EPA prefers one SIP revision for both new and existing facilities

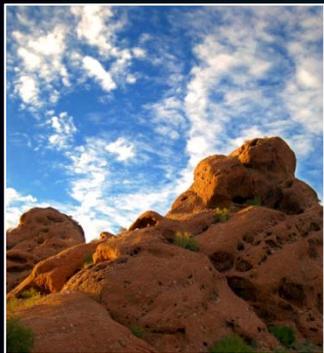
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## Arizona Agencies Call with EPA on November 15, 2013

- EPA indicated they are unlikely to issue a federal enforcement discretion letter
- EPA indicated that in selecting a Stage II removal schedule that results in the smallest temporary emission increases, emission offsets would not be necessary

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# Tentative Schedule

- Complete draft SIP revision within one week after legislation is passed and available for inclusion (assumes no substantial changes to legislation)
- Advertise notice of public hearing and availability of draft SIP revision 30 days prior to public hearing
- Respond to public comments received on draft SIP revision
- MAG Committee Process of one and a half months (including Regional Council adoption of SIP revision)
- MAG submission of SIP revision to ADEQ and EPA within two days of Regional Council adoption



**For more information  
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